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# Title List of Documents Made Publicly Available

March 1-31, 1990

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Date Published: July 1990

**Division of Freedom of Information and Publications Services  
Office of Administration  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555**





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# PREFACE

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The *Title List of Documents Made Publicly Available* is a monthly publication. It contains descriptions of the information received and generated by the U.S. Nuclear Regulatory Commission (NRC). This information includes (1) docketed material associated with civilian nuclear power plants and other uses of radioactive materials and (2) nondocketed material received and generated by NRC pertinent to its role as a regulatory agency. As used here, *docketed* does not refer to Court dockets; it refers to the system by which NRC maintains its regulatory records. This series of documents is indexed by a Personal Author Index, a Corporate Source Index, and a Report Number Index.

The docketed information contained in the *Title List* in-

cludes the information formerly issued through the Department of Energy publication *Power Reactor Docket Information*, last published in January 1979. Microfiche of the docketed information listed in the *Title List* is available for sale on a subscription basis from the National Technical Information Service (NTIS). See NOTES at the end of the Preface for the complete NTIS address.

We encourage your comments, criticisms, and suggestions. In particular, if there are title descriptions that are not meaningful, please let us know so that we can correct the data base. Insofar as possible, we would like this document to be a valuable part of your reference material.

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## DOCKETED ITEMS

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The listings within Docket 50 are divided into the categories used for filing and searching in the NRC Public Document Room. Those categories are

- A. Application/construction stage documents and correspondence
- B. Utility Preliminary Safety Analysis Reports (PSAR), amendments
- C. Utility Environmental Reports (ER), amendments, and correspondence
- D. NRC Draft and Final Environmental (Impact) Statements (DES and FES), supplements and correspondence
- E. NRC Safety Evaluation Reports (SER), supplements and correspondence
- F. Security, medical, emergency, and fire-protection plans
- G. Legal and adjudicatory correspondence
- H. General correspondence
- I. Financial information
- J. Insurance and indemnity information
- K. Utility Final Safety Analysis Reports (FSAR) and amendments
- L. Limited work authorizations (LWA) and related correspondence
- M. Antitrust reviews and antitrust correspondence
- N. Antitrust hearing transcripts, testimony, and briefings
- O. Advisory Committee on Reactor Safeguards (ACRS) reports and correspondence
- P. Operating license stage documents and correspondence
- Q. Inspection reports, IE Bulletins, Circulars and Information Notices, civil penalties, and related correspondence
- R. Periodic operating reports and related correspondence
- S. Reportable occurrences, PNOs, PNSs, and related correspondence
- T. Transcripts, testimony, and briefings on non-antitrust matters
- U. Congressional/executive correspondence
- V. Licensing of operators and related correspondence
- W. Decommissioning stage documents and correspondence
- X. Onsite storage of low-level waste
- Y. Independent spent fuel storage installations

Appendix A sets forth those categories and describes the materials available in each. Omission of a category in the listing for a docket indicates that no documents in

that category were filed in the time period of the report.

The principal elements of the entries in the list are

① P. Operating license stage documents & correspondence

② 8907070172 Commends util for exemplary hospitality extended to visiting Soviet technical working group on 890608. ③

④ DENTON, H.R. Office of Governmental & Public Affairs (Post 870413). 89/06/27 ⑤ ⑥

⑦ CLARK, P.R. General Public Utilities Corp.—GPU Service Corp. 2 pp. 50442:181–50442:182 ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

1. NRC/PDR Document category (see Appendix A).
2. NRC/PDR Accession Number (year, month, day, and sequence number of item).
3. Description of information contained in the document.
4. Personal author(s). An asterisk in this position indicates that there is no personal author.
5. Author affiliation (NRC, corporate, agency, or nonindividual source).
6. Date of document described.
7. Recipient of the document.
8. Recipient affiliation (NRC or corporate).
9. Pages in this document.
10. This five-digit number is the NRC 48X microfiche designation.

11. The three-digit portion of this entry is the number of the frame on which this document starts.
12. This five-digit number is the microfiche on which this document ends.
13. The three-digit portion of this entry is the number of the frame on which this document ends.

The Docketed Items list is arranged sequentially by Docket Number, category, and then by date of principal items. Entries indented and preceded by a dash are items that were submitted as enclosures to principal items. In general, indented items are not in accession number sequence. If the docketed document has a contract (FIN) number of a formal report number, it will appear in the last line of the item following entry 5.

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## NONDOCKETED ITEMS

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The nondocketed items are divided into the categories used for filing and searching in the NRC Public Document Room. These categories and their symbols are:

10CFR—Commission Meeting Records

ACRS—Advisory Committee on Reactor Safeguards

ADVCM—NRC Advisory Committees

COMMISSION—NRC Commissioners

CONTRACT—NRC Contracts and Modifications

## NONDOCKETED ITEMS (cont.)

DISCLOSURE—Financial Disclosure Information

FOIA—Freedom of Information Act Requests and Releases

GEN TECH IS—Generic Technical Issues

IE—Inspection and Enforcement Issuances

MISC—Public Document Room Miscellaneous

NUREG—NRC-Issued Formal Reports and Related Correspondence

ORG—Organizational File

PR—Proposed Rules

PRM—Petitions for Rulemaking

PROJ—Projects

PT21—10 CFR Part 21 Deficiency Reports

QA999—Quality Assurance Inspections

REGGD—Regulatory Guides

RES—Research and Technical Assistance Reports

REVIEW GRP—Research Review Groups

RM—Rulemakings

SECY—Staff Position Papers Before the Commission

STATE PROG—State Programs

TOPREP—Vendor Topical Reports and Correspondence

WASH—AEC-Issued Formal Reports and Correspondence

WM—Waste Management Documents

WMRES—Waste Management Contract Documents

XPORTLIC—Exports and Import Licenses

Appendix B sets forth these categories and describes the material available in each. Omission of a category in the listing for a docket indicates that no documents in that category were filed in the time period of the report.

The principal elements of the nondocketed items are

① NUREG—NRC-Issued Formal Reports and Related Correspondence

②

③

④

8910100307 NUREG/CR-5340 DATA SUMMARY REPORT FOR FISSION PRODUCT RELEASE  
TEST VI-2

⑤

⑥

OSBORNE, M.F., COLLINS, J.L., LORENZ, R.A. Oak Ridge National Laboratory.

⑦

⑧

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⑪

FIN B-0127. ORNL/TM-11105. 89/09/30. Division of Systems Research (Post 880717). 69 pp.

⑫

⑬

⑭

⑮

51409:065-51409:134.

1. Nondocket category.
2. NRC/PDR Accession Number (year, month, day, and sequence number of item).
3. NRC Report Number.
4. Title and description of information contained in the document.
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## NONDOCKETED ITEMS (cont.)

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6. Corporate, agency, or other nonindividual source.
7. Contract of financial identification number (FIN), if any.
8. Secondary report number, if any.
9. Date of document described.
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11. Pages in this document.
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| 27-047   | BARNWELL, SC, CHEM-NUCLEAR SYSTEMS, INC.           | 1    | 40-8783  | URANERZ USA, INC., CASPER, WY                          |      |
| 27-048   | RICHLAND, WA, U.S. ECOLOGY, INC.                   | 1    | 40-8820  | AMAX, INC., GOLDEN, CO                                 |      |
| <b>Domestic Licensing of Source Material - Docket 40</b> |  |      | 40-8829  | FERRET EXPLORATION CO. OF NEBRASKA, INC., CRAWFORD, NE |      |
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| 40-0299  | UMETCO MINERALS CORP., RIVERTON, WY                | 2    | 40-8902  | ANACONDA MINERALS CO., GRANTS, NM                      |      |
| 40-0772  | BENDIX CORP., TETERBORO, NJ                        | 2    | 40-8903  | HOMESTAKE MINING CO., GRANTS, NM                       |      |
| 40-1162  | AMERICAN NUCLEAR CORP., JEFFREY CITY, WY           | 2    | 40-8904  | BP AMERICA, INC., CLEVELAND, OH                        |      |
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| 40-2061  | KERR-MCGEE CHEMICAL CORP., WEST CHICAGO, IL        | 2    | 40-8907  | UNITED NUCLEAR CORP., SANTA FE, NM                     |      |
| 40-2259  | PATHFINDER MINES CORP., RIVERTON, WY               | 6    | 40-8926  | ALTAIR RESOURCES, INC., CASPER, WY                     |      |
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| 40-4492  | AMERICAN NUCLEAR CORP., CASPER, WY                 | 9    | 40-8958  | URANERZ USA, INC., CASPER, WY                          |      |
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| 40-6622  | PATHFINDER MINES CORP., SHIRLEY BASIN, WY          | 10   | 40-8985  | INTERCOMMUNITY CANCER CENTER AT PROVIDENCE HOSP.,      |      |
| 40-6659  | PETROTOPICS CO., SHIRLEY BASIN, WY                 | 10   | 40-8991  | URANERZ U.S.A., INC., CASPER, WY                       |      |
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## LOW LEVEL RADWASTE DISPOSAL SITES

### DOCKET 27-047 BARNWELL, SC, CHEM-NUCLEAR SYSTEMS, INC.

**9003060263** Forwards addl info & revised procedures re renewal of SNM burial license 12-13538-01, per 900226 & 27 discussions. Physical security of controlled area of Barnwell site provided by fencing & 24 h roving patrols.  
HOUSE, W.B. Chem-Nuclear Systems, Inc. 90/03/01. PERSONS, R. Division of Low-Level Waste Management & Decommissioning (Post 870413) 5pp. 52848-284-52848-350

**-9003060265** Rev B to Procedure CN-SE-002, "Access Control"  
\* Chem-Nuclear Systems, Inc. 86/04/30. 14pp. 52848-289-52848-303

**-9003060267** Rev B to Procedure CN-SE-003, "Fencing & Lighting"  
\* Chem-Nuclear Systems, Inc. 86/04/30. 4pp. 52848-304-52848-307.

**-9003060268** Rev C to Procedure S20-SE-001, "Personnel & Vehicle Search Procedure"  
\* Chem-Nuclear Systems, Inc. 86/05/01. 7pp. 52848-308-52848-314

**-9003060270** Rev B to Procedure S20-SE-002, "Prohibited Items"  
\* Chem-Nuclear Systems, Inc. 86/05/01. 4pp. 52848-315-52848-318

**-9003060271** Rev C to Procedure S20-SE-003, "Stolen or Missing Items"  
\* Chem-Nuclear Systems, Inc. 86/05/01. 12pp. 52848-319-52848-330

**-9003060272** Rev C to Procedure S20-SE-005, "Lock & Key Control"  
\* Chem-Nuclear Systems, Inc. 86/05/01. 11pp. 52848-331-52848-341.

**-9003060275** Rev B to Procedure S20-SE-007, "Mail Gate Pass"  
\* Chem-Nuclear Systems, Inc. 86/03/15. 8pp. 52848-342-52848-350

**9003060102** Discusses need for assistance in the review of Barnwell license renewal application for disposal of SNM at Barnwell, SC disposal site operated by Chem-Nuclear Sys, Inc., including determination if safeguards review required W/O uncls.  
LOHAUS, P.H. Operations Branch. 90/03/02. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 1p. 52887-304-52887-304.

**9003060108** Requests assistance in review of Barnwell license renewal application for disposal of SNM at Barnwell, SC disposal site operated by Chem-Nuclear Sys, Inc., including determination if safeguards review required W/O uncls.  
LOHAUS, P.H. Operations Branch. 90/03/02. KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 861218). 2pp. 52887-298-52887-299

### DOCKET 27-048 RICHLAND, WA, U.S. ECOLOGY, INC.

**9002260538** Requests change in RIDS distribution code NL09 for Docket 27-48 to change recipient NMSS/LLOB 5-E-4 to NMSS/LLOB Project Manager & to add NMSS/LLOB Branch Chief as recipient of cover ltr.  
DUNKELMAN, M. Operations Branch. 90/02/12. LANHAM, D. Document Control Branch (Document Control Desk). 3pp. 52741-077-52741-078.

**9002260260** Ack receipt of licensee monthly rept on receipt & burial of SNM at Hanford facility for Dec 1989. Rept timely submitted & summary review indicated no deficiencies.  
DUNKELMAN, M. Operations Branch. 90/02/15. Operations Branch. 3pp. 52722-060-52722-068.

**9002260278** Ack that US Ecology has submitted Nov 1989 monthly rept on receipt & burial of SNM at Hanford LLRWDF. Rept submitted timely & review of summary indicated no deficiencies.  
DUNKELMAN, M., LOHAUS, P.H. Operations Branch. 90/02/15. Operations Branch. 3pp. 52738-004-52738-006.

**9002260390** Requests corrected table of contents to Richland Facility Sids Manual.  
DUNKELMAN, M. Operations Branch. 90/02/15. ADAMS, S. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 2pp. 52721-052-52721-053.

**9002260252** Ack that US Ecology has submitted Jan 1990 monthly rept on receipt & burial of SNM at Hanford. Rept timely submitted & summary review indicated no deficiencies.  
DUNKELMAN, M. Operations Branch. 90/02/21. Operations Branch. 2pp. 52738-122-52738-123.

**9002260489** Discusses environ repts received from 890614-1227 listing results which exceed action levels given in current Richland facilities std manual. Levels do not exceed proposed action levels agreed to by NRC & no further action required by NRC.  
DUNKELMAN, M., LOHAUS, P.H. Operations Branch. 90/02/22. Operations Branch. 2pp. 52741-074-52741-075.

**9003060275** Trip rept of 891025-26 visit w/State of WA Dept of Health & US Ecology to improve license maint at Hanford facility. Agenda items, attendees & summary of discussions listed on encl.  
DUNKELMAN, M., SHAFFNER, J. Operations Branch. 90/02/26. LOHAUS, P.H. Operations Branch. 5pp. 52825-204-52825-208.

**9003020125** Responds to 900213 ltr requesting approval to dispose of NAC-1E spent fuel pool cask waste w/transuramics present in concentrations greater than 10 but less than 100 nanocurie per gram.  
ELSEN, M.J. Washington, State of. 90/02/27. ADAMS, S. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 1p. 52799-322-52799-322.

**9003050285** Ack review of US Ecology 900212 ltr reporting environ samples exceeding action levels for 891227-900108. Samples below proposed investigation & reporting levels. No further action required.  
DUNKELMAN, M. Operations Branch. 90/03/01. Operations Branch. 2pp. 52835-217-52835-218.

**9003090196** Requests completed data base w/corrected values for 115 occupational air samples which exceeded levels in 1988 & 1989 & listing of wipe samples exceeding action levels in response to 900206 ltr.  
ROBERTSON, G. Washington, State of. 90/03/02. ADAMS, S. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 1p. 52950-027-52950-027.

**9003080394** Advises that monthly SNM receipt & burial rept for Feb 1990 submitted, per Condition 4 of License 16-19204-01.  
MARSHALL, S.W. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/03/05. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 10pp. 53112-022-53112-032.

**9003090200** Responds to rept entitled, "Pathways Analysis & Dose Model for Richland Low Level Radwaste Facility." Newsd pathway analysis should be completed for updated source term & vol data for Trenches 4A & 10.  
ROBERTSON, G. Washington, State of. 90/03/05. SAUER, R.E. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 1p. 52926-125-52926-125.

**9003120169** NPDES noncompliance notification: air particulate samples at all nine environ air monitoring stations were above action level for gross beta of 1 E-14 uCi/ml during sampling period of 900108-22.  
NEWMAN, H.J. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/03/07. ROBERTSON, G. Washington, State of. 4pp. 52074-135-52074-138.

**9003120202** Forwards documentation re shipment arriving at Richland, WA facility on 900112 from Zion w/all 63 drums containing free-standing liquid. Possibly caused when processed drums stored in subfreezing temp w/liquid absorbed.  
ELSEN, M.J. Washington, State of. 90/03/07. DUNKELMAN, M. NRC - No Detailed Affiliation Given. 5pp. 52999-113-52999-189.

**-9003190358** Rev 8 to "Process Control Program for Solidifying Radwastes Using Fluid Tech Solidification Media"  
\* Fluid Tech, Inc. 89/08/29. 18pp. 52999-172-52999-189

**9003140119** Forwards response to US Ecology requests to dispose of waste generated at plant & technical evaluation rept Waste acceptable for disposal as Class C under License 16-19204-01.  
LOHAUS, P.H. Operations Branch. 90/03/07. ROBERTSON, G. Washington, State of. 3pp. 53000-284-53000-290.

**-9003140131** Forwards technical evaluation rept re request for disposal of plant waste at Hanford.  
TOKAR, M. Technical Branch. 90/02/01. SHAFFNER, J.A. Operations Branch. 8pp. 53213-001-53213-008.

**9003140033** Forwards licensee 900206 ltr to State of WA, containing correction to methodology for calculating gross beta & gross alpha activities on air particulate filters & wipe samples for 1989. Vendor modifying audit checklist.  
DUNKELMAN, M., LOHAUS, P.H. Operations Branch. 90/03/13. Operations Branch. 1pp. 53019-293-53019-301.

**-9003140040** Forwards 900206 rept from US Ecology, describing significant errors in calibr of lab counters used for low level alpha/beta analysis. Inspectors evaluating licensee counting equipment.  
PATER, J. Region 5, Ofc of the Director. 90/02/26. HICKEY, J. Operations Branch. CUNNINGHAM, L.J. Division of Industrial & Medical Nuclear Safety (Post 870229). 1p. 53019-300-53019-300.

**-9003140042** Comments on 900205 memo on guidance as to what constitutes completed insp for purposes of monitoring regional performance against operating plan. One-trip criteria should not be used to determine completed insp.  
PATER, J. Region 5, Ofc of the Director. 90/02/26. HICKEY, J. Operations Branch. 1p. 53019-301-53019-301.

**9003140044** Advises that US Ecology 900307 ltr re environ samples exceeding action levels for 900108-0212 reviewed. No further action required since all samples below proposed investigation & reporting levels.  
DUNKELMAN, M. Operations Branch. 90/03/13. Operations Branch. 1p. 53018-060-53018-064.

**9003190252** Forwards Radiological Control Work Procedures RW-T008 & RWT-007 used to off load GE IF-300 & Transnuclear TN-B transportation casks at facility. W/one oversize drawing.  
SAUER, R.E. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/03/15. DUNKELMAN, M. NRC - No Detailed Affiliation Given. 1p. 53066-179-53066-215.

**-9003190256** Rev 1 to Procedure RW-T008, "Vertical Unload of IF-300 Cask."  
\* U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 85/09/30. 7pp. 53066-180-53066-186.

**-9003190260** Rev 0 to Procedure RWT-007, "Off-Loading Transnuclear TN-BL Cask."  
\* U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 88/04/17. 28pp. 53066-187-53066-215.

**9003220132** NPDES noncompliance notification: on 900212-26, air particulate samples at environ air monitoring stations exceeded action level for gross beta concentrations. Further actions not warranted since no addl risk to workers exists.  
NEWMAN, H.J. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 90/03/20. ROBERTSON, G. Washington, State of. 3pp. 53165-274-53165-276.

## DOMESTIC LICENSING OF SOURCE MATERIAL

### DOCKET 40-0017 DOW CHEMICAL CO., MIDLAND, MI

**9003080078** Forwards preliminary comments re Dow Chemical application for approval of disposal site for thorium contaminated mail for incorporation into NRC response.  
JAGER, L.E. Michigan, State of. 90/02/28. LAROCHE, G. Fuel Cycle Safety Branch. 8pp. 52923-015-52923-022.

9003050273 Advises that encl "Field Sampling & Analysis Plan," prepared by Ebasco, acceptable per 890922 & 1009 ltr NRC plans to conduct on-site insps to review implementation of sampling plan  
KINNEMAN, J.D. Region 1, OIC of the Director. 90/02/19 SCHWIND, M.S. Allied-Signal Corp 2pp 52846:310-52847:090.

9003050279 Forwards changes made to Site History Section 1.1 of radiological sampling plan New rows include dates of sale & total acreage of land sold to respective existing property owners.  
SCHWIND, M.S. Allied-Signal Corp. 89/10/09 KINNEMAN, J. Region 1, OIC of the Director. 2pp 52846:312-52846:312.

9003050280 Forwards "Radiological Sampling Plan" for review & approval App B of plan health & safety will be submitted under separate cover.  
SCHWIND, M.S. Allied-Signal Corp. 89/09/22 KINNEMAN, J. Region 1, OIC of the Director. 2pp 52846:313-52847:090

9003050284 "Field Sampling & Analysis Plan Allied Signal & Surrounding Properties"  
Ebasco Services, Inc. (subs. of Enserch Corp.). 90/02/19. 137pp 52846:314-52847:090.

#### DOCKET 40-1182 AMERICAN NUCLEAR CORP., JEFFREY CITY, WY

9003010187 Forwards annual radiation safety audit conducted on 891219 & ALARA rept for Split Rock Mill site  
BAKER, S.J. Western Nuclear, Inc. (subs. of Phelps Dodge Corp.) 90/01/25 HALL, R. Uranium Recovery Field OIC, R4. 6pp 52784:346-52784:351

9003140438 Confirms 900129 conversation w/D Jacobo re filling of winter storage ponds.  
BAKER, S.J. Western Nuclear, Inc. (subs. of Phelps Dodge Corp.) 90/01/31. HALL, R. Uranium Recovery Field OIC, R4. 1p 53001:320-53001:320.

#### DOCKET 40-1478 KERR-MCGEE OIL INDUSTRIES, INC., OKLAHOMA CITY, OK

9002260121 Discusses NRC/Kerr-McGee 900207 meeting re Cushman & Cushing, OK sites NRC requested that Kerr-McGee send formal ltr describing plans for cleanup for review & comments  
COMFORT, D. Fuel Cycle Safety Branch. 90/02/16. HAUGHNEY, C.J. Fuel Cycle Safety Branch 3pp. 52739:153-52739:155

9003230301 Ack receipt of 900213 ltr describing approach to cleanup of low level radioactive waste at Cushing, OK site. Requests that proposal for decontamination of Pit 4 be submitted by 3/10/91. NRC will do final survey of site when decontamination completed.  
SJOBLÖM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/21. STAUTER, J.C. Kerr-McGee Corp 3pp 53174:214-53174:220.

#### DOCKET 40-2061 KERR-MCGEE CHEMICAL CORP., WEST CHICAGO, IL

9003080463 Partial response to FOIA request for records App F records available in PDR  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/27. DEGRAZIA, B.C. Burditt, Bowles & Radzius, Chartered (Formerly Burditt, Bowles, Radzius & Rubur. 17pp. 53168:192-53173:268.

90031220345 Forwards ltr to property owners along Kress Creek in DuPage County requesting permission for Oak Ridge Associated Univs to perform surface & subsurface radiological measurements along Kress Creek.  
MENCZER, W.B. Region 3, OIC of the Director. 82/11/12 DORIA, R. DuPage County, IL. 5pp 53172:022-53172:028

90031220483 Forwards ltr to property owners along Kress Creek in DuPage County requesting permission for Oak Ridge Associated Univs to conduct study of surface & subsurface radiological measures along Kress Creek.  
MENCZER, W.B. Region 3, OIC of the Director. 82/11/12. RENNELS, E. Chicago, IL. 1p 53172:021-53172:021.

9003090487 Summarizes 760722 meeting in Region III offices re health physics coverage supplied during decontamination operations of facility.  
KEPPLER, J.G. Region III, IE (720101-810228). 76/07/26 LYONS, F.D. Kerr-McGee Chemical Corp (subs. of Kerr-McGee Corp.) 4pp 53168:068-53168:071.

9003090489 Confirms results of analyses of wells on 760806.  
GOLCHERT, N.W. Argonne National Laboratory. 76/08/18. PAGLIARO, J. Region III, IE (720101-810228). 2pp. 53168:072-53168:073.

9003090491 Forwards agreement of merger between American Potash & Chemical Corp & Kerr-McGee Corp.  
VRELAND, R.J. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). 76/08/30. KEPPLER, J.G. Region III, IE (720101-810228) 1p. 53168:074-53168:074.

9003090493 Commands JG Keppler & Region III staff re job dealing w/ radioactive mail in West Chicago Park.  
VOLGENAU, E. Office of Inspection & Enforcement (750101-801210). 76/08/23 KEPPLER, J.G. Region III, IE (720101-810228). 1p. 53168:075-53168:075.

9003090502 Forwards remainder of results of environ samples collected  
KEPPLER, J.G. Region III, IE (720101-810228). 76/03/14. TRUITT, R. IL. 5pp 53168:082-53168:086.

9003090504 Forwards proxy statement of Lindsay Chemical Co. w/o encl  
PHILLIPS, J.A. Region III, IE (720101-810228) 76/09/24 LINDSAY, R. Chemical Co. 1p 53168:087-53168:087.

9003090507 Forwards proposed agreement of merger between Lindsay Chemical Co. & American Potash & Chemical Corp w/o encl  
KEPPLER, J.G. Region III, IE (720101-810228). 76/09/27. THORNBURG, R. Officer for Operations Support, IE 1p 53168:088-53168:088.

9003090510 "Interim Preliminary Draft Environ Appraisal"  
Argonne National Laboratory. 76/10/31 52pp 53168:089-53168:140.

9003090513 Summary of 761006 meeting w/IEPA ANL & Kerr-McGee re geo logic info requirements to address amend request  
CHENG, C.T. Region III, IE (720101-810228). 76/10/06. Region III, IE (720101-810228) 3pp. 53168:141-53168:143.

9003120143 Advises of regret in delay for submitting health physics report for decommissioning activities Delay due to further discussions w/IEPA  
LYONS, F.D. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 76/10/18. KEPPLER, J.G. Region III, IE (720101-810228). 11pp 53168:144-53168:154.

9003120152 Forwards 761008 ltr requesting approval of plan to provide surveillance of decommissioning activities  
ALLAN, J.M. Region III, IE (720101-810228) 76/10/18. ROY, G.W. OIC of Enforcement (750101-801210) 1p 53168:155-53168:155.

9003120155 Forwards PN-III-76-073 re thorium processing residues V  
ALLAN, J.M. Region III, IE (720101-810228) 76/10/18. ROY, G.W. OIC of Enforcement (750101-801210) 1p 53168:156-53168:156.

9003120160 Forwards 761018 ltr from Director of Public Health, State of West Chicago transmitting position statement re PNO-76-116C  
KEPPLER, J.G. Region III, IE (720101-810228) 76/10/21. THOMPSON, D. Region III, IE (720101-810228) 1p. 53168:157-53168:157.

9003120166 Forwards proposed ANS N-328, "Control of Radioactive Contamination on Mails, Equipment & Facilities to be Released for Unclassified Use"  
LYONS, F.D. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 76/10/21. KEPPLER, J.G. Region III, IE (720101-810228) 110pp 53168:150-53168:259.

9003120177 Summarizes 761118 meetings at West Chicago, IL. Includes info on Oklahoma City to discuss present condition of facility & potential for contamination on decommissioning.  
KEPPLER, J.G. Region III, IE (720101-810228) 76/11/23. LYONS, F.D. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 2pp. 53168:268-53168:269.

9003120192 PNO-III-76-212 on 761208, resident of West Chicago City re dust problem for thorium ore residue piles State air sampling results statistically significant results.  
WARRICK, R.F., ROY, G.W., THOMPSON, D. Region III, IE (720101-810228) 1p 53168:270-53168:270.

9003120196 Expresses gratitude re efforts to alleviate community anxiety re West Chicago  
LYONS, F.D. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 76/10/21. KEPPLER, J.G. Region III, IE (720101-810228) 1p 53168:271-53168:271.

9003120203 Advises that on 770222, inspector made brief tour of facility continuing effort to maintain cognizance of status of facility.  
OBERG, C.T. Region III, IE (720101-810228). 77/02/22. Region III, IE (720101-810228) 1p. 53168:272-53168:272.

9003120206 Advises that on 770307, inspector made brief tour of facility continuing effort to maintain cognizance of status of facility.  
OBERG, C.T. Region III, IE (720101-810228). 77/03/07. Region III, IE (720101-810228) 1p. 53168:273-53168:273.

9003120215 Advises that on 770325, personnel made brief tour of facility & area which contained buried radioactive mails from 1940 & 1945  
OBERG, C.T. Region III, IE (720101-810228) 77/03/28. Region III, IE (720101-810228) 2pp. 53168:274-53168:275.

9003120226 "Draft Environ Assessment re Kerr-McGee Chemical Corp. Characterization of Geohydrology & Subsurface Chemistry."  
Argonne National Laboratory 77/05/31. 227pp. 53168:276-53168:499.

9003120284 Lists mails to be removed from site per 761119 meeting of IL Dept of Public Health.  
LYONS, F.D. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 76/10/21. ALLAN, J.M. Region III, IE (720101-810228). 15pp. 53168:143-53168:157.

9003120291 Forwards "Analysis for Waste Packaging as Low-Specific Activity"  
RYAN, P. Alcor Engineered Systems, Inc. 77/07/08. OBERG, T. Region III, IE (720101-810228). 1p. 53168:158-53168:158.

- 9003120300 "Analysis for Waste Packaging as Low-Specific Activity."  
 LEVESQUE,R.G. Atcor Engineered Systems, Inc. 77/06/28. 11pp. 53169.159-53169.169.
- 9003120311 PNO-III-77-049 on 770726 fire caused during seal welding operation on tank subsequent to loading w/Inertium mantle mail containing 44 gallon corrugated fiber boxes  
 OBERG,C.T., LONERGAN,G.T., ALLAN,J.M. Region III, IE (720101-810228) 77/07/28. 1p. 53169.170-53169.170.
- 9003120322 Responds to 770718 ltr re two aspects of recent NRC environ assessment rept on Kerr-McGee Chemical Co site in West Chicago  
 STRASMA,J. Region III, IE (720101-810228) 77/08/03 COYNE,D. Coyne B'dg Supply, Inc. 3pp. 53169.171-53169.173.
- 9003120327 Discusses plans for aerial survey of West Chicago w/ANL  
 LONERGAN,G.T. Region III, IE (720101-810228) 77/09/08 Region III, IE (720101-810228) 2pp. 53169.174-53169.175.
- 9003120337 Provides info re EG&G planned over-flight of West Chicago, IL facility on 770912  
 LONERGAN,G.T. Region III, IE (720101-810228) 77/09/12. Region III, IE (720101-810228) 2pp. 53169.176-53169.177.
- 9003120351 Provides info re planned aerial monitoring of over-flight of West Chicago, IL on 770914  
 LONERGAN,G.T. Region III, IE (720101-810228) 77/09/13. Region III, IE (720101-810228) 1p. 53169.176-53169.176.
- 9003120364 Discusses cleanup of Marvin Moore Chemical Co mail ATCOR will submit formal rept of facility including conclusions & recommendations to Kerr-McGee  
 AXELSON,W.L. Region III, IE (720101-810228) 77/09/14. Region III, IE (720101-810228) 2pp. 53169.179-53169.180.
- 9003120369 Forwards surveys & documents re survey of warehouse located in Andros, IL for review  
 LEVESQUE,R.G. Atcor Engineered Systems, Inc. 77/09/01. BORST,T. Region III, IE (720101-810228) 20pp. 53169.181-53169.203.
- 9003120429 Ack receipt of 770916 & 1010 ltrs re understanding of contract w/ Atcor, Inc. to assist in organization to develop plans for disposition of site & repl of completion of action required by Item 5, respectively  
 KEPPLER,J.G. Region III, IE (720101-810228) 77/10/28 LYONS,F.D. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 2pp. 53169.201-53169.202.
- 9003120435 Informs that licensee contracted w/Atcor, Inc. to assist in development of plans for ultimate disposition of property at West Chicago  
 LYONS,F.D. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 77/09/18. ALLAN,J.M. Region III, IE (720101-810228) 1p. 53169.203-53169.203.
- 9003120440 Repts that action required by Item 5 of 761123 ltr completed as of 770922  
 LYONS,J.G. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 77/10/10. KEPPLER,J.G. Region III, IE (720101-810228) 1p. 53169.204-53169.204.
- 9003120448 Summary of 771020 meeting w/Kerr-McGee Chemical Co & APACHE Chemicals, Inc. re release of solid, nonradioactive Rare Earths Facility  
 OBERG,C.T. Region III, IE (720101-810228) 77/11/01 Region III, IE (720101-810228) 6pp. 53169.205-53169.210.
- 9003120467 Forwards procedures for decontamination tests at Kerr-McGee West Chicago Facility  
 FARINOSO,F. Atcor Engineered Systems, Inc. 77/11/15. OBERG,T. Region III, IE (720101-810228) 4pp. 53169.211-53169.214.
- 9003120465 Requests attendance at 771201 meeting w/ANL Environ Impact Studies Div in Region III of review of results of surveys & analyses completed by ANL in West Chicago area & type of repl desired & estimated date of availability  
 ROY,G.W. Region III, IE (720101-810228) 77/11/29. ESSIG,T.H. FISHER,W.L., LONERGAN,G.T. Region III, IE (720101-810228) 5pp. 53169.215-53169.219.
- 9003120467 Discusses Grant Park survey due to reported 20 million tons of thorium contaminated filling used at park No suggested excess of thorium found  
 FRIGERIO,N.A. Argonne National Laboratory 78/02/01 LONERGAN,T. Region III, IE (720101-810228) 2pp. 53169.220-53169.221.
- 9003120473 Authorizes charge of listed amount against Std Order for DOE Work 30-78-17 for purpose of procuring portable radiation survey instrument  
 LONERGAN,G.T. Region III, IE (720101-810228) 78/02/28 GUSTAFSON,P.F. Argonne National Laboratory 1p. 53169.222-53169.222.
- 9003120478 Requests replacement of technical monitor for Std Order for DOE Work 30-78-17 due to GT Loneragan termination of employment effective 780310  
 KEPPLER,J.G. Region III, IE (720101-810228) 78/02/28 COBB,L.I. Structures & Components Standards Branch 32pp. 53169.223-53169.254.
- 9003120497 Discusses 771102.04 & 17 insps at Marvin Moore Chemical Co storage barn re decontamination process to remove LSA amounts of thorium contained in rare earth mats  
 OBERG,C.T. Region III, IE (720101-810228) 78/05/09 Region III, IE (720101-810228) 3pp. 53169.255-53169.257.
- 9003120500 "Thorium Residuals in West Chicago"  
 FRIGERIO,N.A., LARSON,T.L., STOWE,R.S. Argonne National Laboratory 78/05/10. Region III, IE (720101-810228) 99pp. 53169.258-53169.358.
- 9003120502 Requests review of "Procedure for Releasing Mail From Kerr-McGee West Chicago Facility"  
 DAVIS,A.B. Region III, IE (720101-810228) 78/07/28 HIGGINBOTHAM,L. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210) 7pp. 53169.357-53170.003.
- 9003120505 Forwards comments on "Thorium Residuals in West Chicago"  
 ESSIG,T.H. Region III, IE (720101-810228) 78/08/15 KEENER,R.B. Argonne National Laboratory 3pp. 53170.004-53170.006.
- 9003120508 Advises that on 780931, approx 133,000 lbs Samarium Gadolinium Carbonate shipped from site  
 GRANT,W.B. Region III, IE (720101-810228) 78/09/05. Region III, IE (720101-810228) 45pp. 53170.007-53170.038.
- 9003120513 Requests approval for use of Bldg 40 for small-scale contaminated soil dispersion experiment  
 KEPPLER,J.G. Region III, IE (720101-810228) 79/01/10. WYNVEEN,R. Argonne National Laboratory 5pp. 52904.254-52904.258.
- 9003120517 Summary of 780214 meeting w/ANL, State of IL & City of West Chicago to discuss comments on decommissioning rept  
 ESSIG,T.H. Region III, IE (720101-810228) 79/03/05. Region III, IE (720101-810228) 6pp. 53170.044-53170.052.
- 9003120524 Advise that on 780408-12, several large tanks surveyed for fixed & loose contamination in preparation for release. Results show that 12 of 20 tanks free of significant thorium & uncontaminated resealed. Add tanks awaiting results  
 OBERG,C.T. Region III, IE (720101-810228) 78/04/12. DAVIS,A.B. Office of Inspection & Enforcement (750101-801210) 2pp. 53170.053-53170.054.
- 9003120527 Confirms 790412 statement re shipment of tanks from Kerr-McGee facility. Tanks have been tested for residual radioactive contamination. Tanks clean enough for unrestricted use  
 DAVIS,A.B. Region III, IE (720101-810228) 79/04/13. MOIZ,T. West Chicago, IL 1p. 53170.055-53170.055.
- 9003120530 Forwards NRC comments on Kerr-McGee Chemical Corp decommissioning plan. WFO encl  
 DAVIS,A.B. Region III, IE (720101-810228) 79/04/20. MUGLIANI,R. Illinois, State of. 1p. 53170.058-53170.058.
- 9003120533 Advises that four tanks of original 20 remain to be shipped offsite for unrestricted use. Shipment date for remaining tanks unknown  
 OBERG,C.T. Region III, IE (720101-810228) 78/05/03. DAVIS,A.B. Region III, IE (720101-810228) 1p. 53170.057-53170.057.
- 9003120564 Advises of Juzwiak 780504 telcon re three smoke stacks taken down at facility, two boys caught climbing fence & boy informed by guard not to ride motorcycle on property adjacent to fenced in area  
 DAVIS,A.B. Region III, IE (720101-810228) 79/05/04. PAPERIELLO,C.J., OBERG,C.T. Region III, IE (720101-810228) 1p. 53170.058-53170.058.
- 9003120568 Informs of 780515 tour of facility  
 OBERG,C.T. Region III, IE (720101-810228) 78/05/22 Region III, IE (720101-810228) 2pp. 53170.059-53170.060.
- 9003120571 Forwards airborne thorium risk experiment conducted in Jan & June 1978  
 GHANT,W.B. Region III, IE (720101-810228) 79/07/19. DAVIS,A.B. Region III, IE (720101-810228) 7pp. 53170.061-53170.067.
- 9003120575 Discusses 790723 telcon w/R Vreeland re plant decontamination procedures  
 OBERG,C.T. Region III, IE (720101-810228) 79/07/23. DAVIS,A.B. Region III, IE (720101-810228) 2pp. 53170.068-53170.069.
- 9003120581 Forwards "Radiological Health Program Rare Earths Facility"  
 IENKINIGAN,G.R. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 79/07/31. KEPPLER,J.G. Region III, IE (720101-810228) 2pp. 53170.070-53170.071.
- 9003120583 "Radiological Health Program Rare Earths Facility"  
 Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 79/07/31 18pp. 53170.072-53170.089.
- 9003120588 Requests NMSS & IE concurrence on decontamination criteria proposed by Kerr-McGee & acceptability of proceeding w/ Phase 1A prior to NRC approval of final decommissioning plan  
 DAVIS,A.B. Region III, IE (720101-810228) 79/08/03. HIGGINBOTHAM,L. Region III, IE (720101-810228) 1p. 53170.090-53170.090.
- 9003120585 Lists info provided to Federal & state personnel re Kerr-McGee decontamination plan  
 DAVIS,A.B. Region III, IE (720101-810228) 79/08/08. Region III, IE (720101-810228) 1p. 53170.091-53170.091.
- 9003120599 Requests review of State of IL Atty General request for NRC not to approve Kerr-McGee proposed 1-A decontamination plan until state has reviewed plan  
 DAVIS,A.B. Region III, IE (720101-810228) 79/08/16. SNIEZEK,J.H. Region III, IE (720101-810228) 1p. 53170.092-53170.092.
- 9003120605 Forwards proposed response to State of IL Ofc of Atty General. Requests review & response by 790827  
 KEPPLER,J.G. Region III, IE (720101-810228) 79/08/22. SNIEZEK,J.H. Region III, IE (720101-810228) 4pp. 53170.093-53170.096.
- 9003120629 Comments on Phase 1A of Kerr-McGee Corp plan to decommission & decontaminate West Chicago, IL facility. Need expressed for additional air monitoring near plant in addition to down wind mobile monitor  
 HANSELL,D. Illinois, State of 79/08/16. KEPPLER,J. Region III, IE (720101-810228) 3pp. 53170.097-53170.099.
- 9003120636 Informs of review of radiological health physics surveillance of activities at Rare Earth Facility in West Chicago, IL. Decontamination plan may be initiated  
 KEPPLER,J.G. Region III, IE (720101-810228) 79/09/30. LOCKE,M.C. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 5pp. 53170.100-53170.104.
- 9003120644 Forwards rad con policy & safety manual being used by Kerr-McGee contractor for decontamination work being conducted in West Chicago, IL. WFO encl  
 DAVIS,A.B. Region III, IE (720101-810228) 79/09/28. TOMLINSON,C. Illinois, State of. 1p. 53170.105-53170.105.
- 9003120653 Forwards IE Bulletin 79-19  
 KEPPLER,J.G. Region III, IE (720101-810228) 79/10/01. LOCKE,M.C. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 14pp. 53170.106-53170.119.
- 9003120659 Advises that Dr Hansell will be sent investigators rept re transfer of mail from Kerr-McGee site by M Auer & others  
 KEPPLER,J.G. Region III, IE (720101-810228) 79/12/05. HANSELL,D. Illinois, State of. 1p. 53170.120-53170.132.

-9003120668 Advises that investigation warranted re conflicting statement re beams in West home from Kerr-McGee Beams surveyed & no radioactivity found. DAVIS, A.B. Region III, IE (720101-810228). 79/12/06. NORELIUS, C. Region III, IE (720101-810228). 17pp. 53170.133-53170.149.

-9003120674 Notification of significant licensee meeting w/ licensee on 800430 to discuss recent NRC findings at bldg formerly owned by Kerr-McGee. \* Region II, IE (720101-810228). 80/04/23. Region III, IE (720101-810228). 48pp. 53170.150-53170.197.

-9003120687 Discusses 800620 memo to files re Kerr-McGee West Chicago, IL. Matter considered closed. PHILLIP, G.A. Region III, IE (720101-810228). 81/01/23. Region III, IE (720101-810228). 2pp. 53170.188-53170.189.

-9003120693 Forwards EPA ltr re contamination levels along Kress Creek. Comments requested before 810224 expected response. FISHER, W.L. Region III, IE (720101-810228). 81/02/06. PAGE, R.G. Uranium Fuel Licensing Branch. 2pp. 53170.200-53170.201.

-9003120697 Insp rept of facility on 810203. No violations or deviations noted. Major areas inspected Phase 1A decommissioning of site. MEYER, B. Division of Waste Management (Pre 870413). 81/02/09. NEUWEG, M. Illinois, State of. 48pp. 53170.202-53170.249.

-9003120707 Advises of results of bioassay measurements made by ANL of internal burden of radioactive mst. Elevated levels of Ra-226 or Th-232 not found. PAPERIELLO, C.J. Region III, IE (720101-810228). 81/04/25. Affiliation Not Assigned. 3pp. 53170.250-53170.252.

-9003120714 Advises of telcon w/ M. Stewart to discuss ltr to Senator Dixon suggests listed paragraph be included in ltr to Dixon. PAPERIELLO, C.J. Region III, IE (720101-810228). 81/04/30. GRELLA, A. Region III, IE (720101-810228). 1p. 53170.253-53170.253.

-9003120746 Advises that effective 810504, policy of I&E re procedures for review of NRC insp rept for possib'l proprietary nfo changed as listed. KEPPLER, J.G. Region III, IE (720101-810228). 81/05/04. RAINEY, J.L. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 25pp. 53170.254-53170.278.

-9003120748 Forwards revised health physics manual. W/o encl. SHELLEY, W.J. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). 81/06/16. PAPERIELLO, C. Region III, IE (720101-810228). 1p. 53170.279-53170.279.

-9003120754 Forwards rept re two potential overexposures to soluble U. for review. GREGER, L.R. Region III, IE (720101-810228). 81/07/24. GRELLA, A.W. Region III, IE (720101-810228). 1p. 53170.280-53170.280.

-9003130091 Forwards Insp rept re offsite survey work performed in West Chicago, IL over past yr. KEPPLER, J.G. Region III, IE (720101-810228). 81/08/27. GUSTAFSON, P.F. Illinois, State of. 11pp. 53171.126-53171.186.

-9003130100 Discusses stoppage of Bldg 1 decommissioning activities as of 810917 in response to State of IL Dept. of Conservation evaluation for possible historical &/or architectural significance of bldg. SCHUMACHER, M.C. Region 3, Ofc of the Director (810301-820201). 81/10/08. Region 3, Ofc of the Director (810301-820201). 28pp. 53171.187-53171.214.

-9003130111 Advises of District Court ruling in city of West Chicago suit. Judge ruled in favor of city. City complaint encl. NICHOLSON, N.A. Region 3, Ofc of the Director (810301-820201). 81/10/27. Region 3, Ofc of the Director (810301-820201). 35pp. 53171.215-53171.248.

-9003130123 Forwards FOIA request from Kerr-McGee. COOK, C.L. Chadwell, Keyser, Fuggas, McBee & Hastings, Ltd. 81/10/27. PAPERIELLO, C. Region 3, Ofc of the Director (810301-820201). 1p. 53171.249-53171.249.

-9003130163 Advises that attached ltr sent to listed property owner on 821112 re Kress Creek survey. CARROLL, D.E. Region 3, Ofc of the Director. 82/11/12. KEPPLER, J.G., DAVIS, A.B., LEWIS, S. NRC - No Detailed Affiliation Given. 8pp. 53172.027-53172.032.

-9003130171 Advises that attached ltr sent to listed property owners on 830110 re Kress Creek survey. CARROLL, D.E. Region 3, Ofc of the Director. 83/01/13. NRC - No Detailed Affiliation Given. 8pp. 53172.033-53172.040.

-9003130191 Requests permission to conduct survey to define extent & depth of radioactive contamination along Kress Creek. Survey will involve walking across grounds to measure surface radiation levels & collecting soil samples. KEPPLER, J.G. Region 3, Ofc of the Director. 83/04/07. Affiliation Not Assigned. 3pp. 53172.041-53172.043.

-9003130200 Advises that attached ltr sent to listed property owners on 830408. KOCH, E.S. Region 3, Ofc of the Director. 83/04/11. HIND, J.A. Div of Radiological & Materials Safety Programs, R3. PAPERIELLO, C.J., SCHUMACHER, M. Region 3, Ofc of the Director. 4pp. 53172.044-53172.047.

-9003130223 Ack receipt of 830407 ltr re confirmation of action ltr sent to Kerr-McGee on 830316. Actions taken to suppress Rn-222 & Pb-212 source terms & install additional samplers designed to ensure site boundary airborne concentrations. KEPPLER, J.G. Region 3, Ofc of the Director. 83/04/22. RAPPIN, A. Illinois, State of. 81pp. 53172.048-53172.108.

-9003130240 Memorandum Compliance of Kerr-McGee Stabilization Plan w/ EPA Slits. \* Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). 83/12/20. 411pp. 53172.109-53173.153.

-9003130249 Rept on Emission Compliance Tests Conducted for Kerr-McGee Chemical Corp West Chicago Incinerator Sys in West Chicago, IL. \* Clean Air Engineering, Inc. 83/12/27. 42pp. 53173.160-53173.201.

-9003130256 Advises of appointment of JC Stauter, Director of Nuclear Licensing & Regulation effective 840301. SHELLEY, W.J. Kerr-McGee Corp. 84/03/01. KEPPLER, J.G. Region 3, Ofc of the Director. 20pp. 53173.202-53173.221.

-9003130267 Migration of Rare Earths Through Clays, Soils & Rocks. KREMERS, H.E. Kerr-McGee Corp. 84/05/03. 10pp. 53173.222-53173.223.

-9003130271 Program Outline Offsite Thorium Removal. \* Kerr-McGee Corp. 84/06/25. 48pp. 53173.232-53173.280.

-9003130277 Summary of 880512 meeting w/ DuPage County Forestry on survey of Kress Creek. LICKUE, R. Region 3, Ofc of the Director. 86/05/16. Region 3, Ofc of the Director. 2pp. 53173.281-53173.282.

-9003130282 Advises that investigative effort re Allegation RIII-87-03. WEIL, C.H. Region 3, Ofc of the Director. 87/08/12. HIND, J.A. Region 3, Ofc of the Director. 2pp. 53173.283-53173.284.

-9003130293 Discusses 870804 allegation of water being pumped from McGee property along eastside of embankment. Sewer line consists of 12" pipe but no water being pumped from site. SCHUMACHER, M. Region 3, Ofc of the Director. 87/08/06. WEIL, C.H. Region 3, Ofc of the Director. 4pp. 53173.285-53173.288.

9003160183 Kerr-McGee opposition to state motion for stay. \* Urgent IL motion on basis of state failure to demonstrate irreparable harm. ASLB Certificate of Svc encl. MESERVE, R.A. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). MESERVE, R.A. Covington & Burling. #190.10023. 90/03/05. Atomic Safety and Licensing Appeal Panel. 115pp. 52700.083-52700.212.

9003010057 Notice of appeal. \* People of State of IL & IL Dept of Nuclear Regulation. ASLB. 900213 memorandum & order & 900213 memorandum & order issued on 890622. W/Certificate of Svc. RATHE, D.J. Illinois, State of. #190.9933. 90/02/20. Atomic Safety and Licensing Appeal Panel. 5pp. 52700.081-52700.085.

9003010012 State of IL motion for stay. \* Requests that ASLB 900213 order directing NRC Staff to issue license amendment should be stayed pending permanent disposal of waste at facility. W/Certificate of Svc. RATHE, D.J. Illinois, State of. #190.9957. 90/02/22. Atomic Safety and Licensing Appeal Panel. 13pp. 52699.166-52699.204.

-9003010027 Affidavit of DE Bernhardt re West Chicago Rare Earths Facility. Kerr-McGee Chemical Corp. concerning Contention 2(q). \* DE Bernhardt encl. BERNHARDT, D.E. Rogers & Associates Engineering Corp. BEI. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). 90/01/11. 52699.189.

-9003010037 Affidavit of DE Bernhardt re West Chicago Rare Earths Facility. Kerr-McGee Chemical Corp. concerning Contention 2(q). \* Comments on state memorandum in opposition to motion for summary disposition. BERNHARDT, D.E. Rogers & Associates Engineering Corp. BEI. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). 90/02/11. 52699.201.

-9003010045 Affidavit of J. Benetti. \* Comments on Table 5.11 of commissioning of Rare Earths facility. West Chicago, IL. BENETTI, J.C. Environmental Protection Agency. BENETTI, J.C. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). 90/02/22. 3pp. 52699.202-52699.202.

9003010024 Assignment of ASLB. \* TS Moore, CN Kohl & HA Wilber members to serve as ASLB for proceeding Certificate of Svc encl. See TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. # 3pp. 52700.255-52700.257.

9003010054 Informs that TS Moore, CN Kohl & HA Wilber members to serve as ASLB for license amendment proceeding. Related correspondence. KOHL, C.N. Atomic Safety and Licensing Appeal Panel. #190.9957. Atomic Safety and Licensing Appeal Panel. 1p. 52700.090-52700.090.

9003010064 Notice of appeal. \* Requests ASLB to allow oral argument. ASLB 900213 initial decision authorizing licensee to permanent facility per 10CFR2.763. W/Certificate of Svc. KARAGANIS, J.V. West Chicago, IL. #190.9958. 90/02/22. Atomic Safety and Licensing Appeal Panel. 3pp. 52699.244-52699.246.

9003010071 NRC official hours. \* Informs that persons having request should do so within official hours or notify secretary when needed. Certificate of Svc encl. Served on 900223. TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. # 1p. Atomic Safety and Licensing Appeal Panel. 3pp. 52700.078-52700.078.

9002270466 Forwards revised License STA-583, authorizing onsite mail described in engineering rept. Approval to bury source onsite, not granted since State of IL has jurisdiction over mail. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/23. STAU. Chemical Corp. (subs. of Kerr-McGee Corp.). 1p. 52745.343-52745.343.

-9002270470 Renewed License STA-583 for Kerr-McGee Chemical Corp. onsite disposal of byproduct mail, described in engineering rept cell to encapsulate mail located on site. HAUGHNEY, C.J. Division of Industrial & Medical Nuclear Safety. 90/02/23. 1p. 52745.344-52745.345.

-9002270471 SER supporting utli request to bury byproduct mail in engineering rept & ASLB Decision LBP-90-09 & construct disposal cell sub j to listed conditions. HORN, M.L., SWIFT, J.J. Fuel Cycle Safety Branch. 90/02/23. 52745.350.

9003010078 Application to stay of city of West Chicago, IL. \* Request for stay of Board 900213 initial decision authorizing licensee to waste at facility. W/Certificate of Svc. KARAGANIS, J.V. West Chicago, IL. #190.9989. 90/02/23. Atomic Safety and Licensing Appeal Panel. 6pp. 52700.073-52700.077.

9003300115 Memorandum.\* Discusses reasons for 900313 order denying people of State of IL & State of IL dept of nuclear safety appeal from 880213 decision & motion for stay of amend authorization.W/Certificate of Avo.Served on 900327.  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel #180 10142. 80/03/27.  
Illinois, State of. 14pp. 63155-087-53155-100.

## 6 DOCKETED ITEMS

**9003290191** Board Notification 90-002 forwards 900315 memorandum opinion & order before US District Court for Northern District of Illinois, Eastern Div. & Circuit Court of a thirteenth Judicial Circuit 900314 temporary restraining order W/svc 1st. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/03/28. Atomic Safety and Licensing Appeal Panel. 24pp. 53214-240-53214-283

### DOCKET 40-2269 PATHFINDER MINES CORP., RIVERTON, WY

**9003010269** Forwards annual update on performance of corrective action program for seepage east of Lucky Mc tailings Pond 1, per License Condition 57 of SUA-672. HARDGROVE, T.W. Pathfinder Mines Corp. 90/01/31. HALL, R.E. Uranium Recovery Field Ofc. R4. 1p. 52782-185-52782-185

**9003150220** Forwards annual insp rept on Lucky Mc Embankment 4, per Condition 34 of License SUA-672. HARDGROVE, T.W. Pathfinder Mines Corp. 90/02/05. HALL, R.E. Uranium Recovery Field Ofc. R4. 5pp. 53022-095-53022-095

**9003150149** Forwards revised Figure 3-6, "Geologic Cross-Section C-C" to repl. "Dewatering of Number One Tailings," inadvertently omitted from original submittal. HARDGROVE, T.W. Pathfinder Mines Corp. 90/02/12. MICHAUD, P. Uranium Recovery Field Ofc. R4. 3pp. 53032-245-53032-247

**9003150184** Issues Amend 25 to License SUA-672, revising Condition 55 to authorize discharge of tailings into Tailings Pond 2 & require clay blanket in each impoundment prior to tailings discharge. HALL, R.E. Uranium Recovery Field Ofc. R4. 90/02/22. Pathfinder Mines Corp. 4pp. 53032-200-53032-217

**9003150172** Amend 25 to License SUA-672 for Pathfinder Mines Corp. revising Condition 55 to authorize discharge of tailings into Tailings Pond 2 & to require clay blanket in each impoundment prior to tailings discharge. HALL, R.E. Uranium Recovery Field Ofc. R4. 90/02/21. 14pp. 53032-204-53032-217

**9003150085** Recommends that Condition 55 of License SUA-672 be modified to delete authorization to discharge tailings into Tailings Pond 1, revise design contours of Tailings Pond 1 & allow placement of material from mill silt to Tailings Pond 1. MICHAUD, P.W. HALL, R.E. Uranium Recovery Field Ofc. R4. 90/02/22. Uranium Recovery Field Ofc. R4. 4pp. 53040-116-53040-119

**9003180111** Discusses review of licensee 900330 semiannual erosion monitoring program rept for Lucky Mc Mill Program & data deemed in accordance w/ license requirements. No areas of concern noted or further action necessary. MICHAUD, P.W. Uranium Recovery Field Ofc. R4. 90/02/22. Uranium Recovery Field Ofc. R4. 3pp. 53041-045-53041-047

### DOCKET 40-3392 ALLIED-SIGNAL, INC., MORRISTOWN, NJ

**9003010016** Partial response to FOIA request for records App A & B records available in PDR Forwards App A records. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 690205). 90/02/26. CROUSE, P.J. Grant, McHendrie, Haines & Crouse. 863pp. 52727-302-52730-204

**9410040450** Informs that employee received accidental natural U intake in excess of 40 mCi/h on 840904. Proprietary evaluation of exposure, identification of individual & investigation of incident withheld. CIPOLLA, A.J. Allied Chemical Corp. 84/09/25. KEPPLER, J.G. Region 3, Ofc of the Director. 1p. 52729-265-52729-266

**9503080407** Facility Effluent Rept for 840701-850101. W/850222 ltr. CIPOLLA, A.J. Allied Chemical Corp. 85/01/01. 3pp. 52729-269-52729-301

**9704220137** Advises that UF6 cylinder stiffening ring investigation performed per NRC 870403 confirmatory action ltr. Visual insp of 99 of 100 cylinders revealed no cracks in stiffening rings. Requests additional hold on cylinders be removed. HONEY, J.E. Allied-Signal Corp. 87/04/10. SHAFER, W.D. Region 3, Ofc of the Director. 6pp. 52729-311-52729-316

**9003010021** Safety Insp on 841027-28 of License SUB-528 Insp Findings, records of surveys or disposals not properly maintained per 10CFR20.401(b). ASHLEY, E.G. Atomic Energy Commission (Pre 750101). \* Allied Chemical Corp. 84/10/28. 7pp. 52728-040-52728-046

**9003010023** Amend to License SUB-528 for Allied Chemical Corp. renewing license. LAYFIELD, R.L. Atomic Energy Commission (Pre 750101). 65/03/10. 2pp. 52728-047-52728-048

**9003010028** Amend to License SUB-526 for Allied Chemical Corp. authorizing possession & use of 750,000 lb natural U. NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101). 62/01/26. 1p. 52728-049-52728-049

**9003010029** Amend to License SUB-526 for Allied Chemical Corp. authorizing possession & use of twenty million lbs U at listed location. HARMON, D.F. Atomic Energy Commission (Pre 750101). 68/02/16. 2pp. 52728-050-52728-051

**9003010031** Amend to License SUB-526 for Allied Chemical Corp. authorizing possession & use of fifty million lb natural U at listed location. ROUSE, L.C. Division of Fuel Cycle & Material Safety (Pre 870413). 77/05/18. 2pp. 52728-052-52728-053

**9003010041** Amend to License SUB-526 for Allied Chemical Corp. authorizing possession & use of fifty million pounds natural U, 100 mCi Cs-137, 01 uCi Am-241 & 01 uCi Th-232. ROUSE, L.C. Division of Fuel Cycle & Material Safety (Pre 870413). 77/08/15. 2pp. 52728-054-52728-055

**9003010048** Amend to License SUB-526 for Allied Chemical Corp. authorizing possession & use of 88 million kg natural U & 300 mCi Cs-137 at listed location. CROW, W.T. Division of Fuel Cycle & Material Safety (Pre 870413). 85/05/28. 5pp. 52728-056-52728-060

**9003010049** Safety Insp on 860428 of License SUB-528 Insp Findings noted. \* Atomic Energy Commission (Pre 750101). \* Allied Chemical Corp. 52728-061-52728-067

**9003010056** Safety Insp on 871018 of License SUB-526 Insp Findings or disposals not properly maintained per 10CFR20.401(b). HAMPELMAN, C.D. Atomic Energy Commission (Pre 750101). \* A. 87/11/02. 10pp. 52728-068-52728-077

**9003010061** Application for renewal of License SUB-526, authorizing use of 20,000,000 lb natural U. KOCH, W.C. Allied Chemical Corp. 87/11/10. 17pp. 52728-078-52728-085

**9003010070** Requests position &/or corrective steps taken to verify compliance of License SUB-526 on 881028-30. GRIER, B.H. Atomic Energy Commission (Pre 750101). 88/11/20. Allied Chemical Corp. 1p. 52728-095-52728-095

**9003010075** Safety Insp on 881029-30 of License SUB-526 Insp Findings inadequate to determine compliance w/10CFR20.103 in that no records established personnel exposure to airborne rad activity. HUETER, L.J. Atomic Energy Commission (Pre 750101). \* Allied Chemical Corp. 11/20. 32pp. 52728-096-52728-127

**9003010087** Safety Insp on 700519-20 of License SUB-526 Insp Findings noted. HUETER, L.J. Atomic Energy Commission (Pre 750101). \* Allied Chemical Corp. 20. 1p. 52728-128-52728-128

**9003010100** Advises that no response necessary for Insp of 700519-20. HUETER, L.J. Atomic Energy Commission (Pre 750101). 70/06/16. Allied Chemical Corp. 36pp. 52728-129-52728-164

**9003010103** Withdraws request for permission to conduct onsite low specific activity solid waste, per AEC 701027 ltr. Revised app'l. BISHOP, J.C. Allied Chemical Corp. 70/02/04. LAYFIELD, R.L. Atomic Energy Commission (Pre 750101). 1p. 52728-165-52728-165

**9003010108** Advises that licensee radiation safety program continued to be adequate & conducted by competent personnel. HUETER, L.J. Atomic Energy Commission (Pre 750101). 71/01/01. Atomic Energy Commission (Pre 750101). 33pp. 52728-166-52728-199

**9003010115** Advises that inspector continues to evaluate licensee radiation safety program as adequate & being conducted by competent personnel. HUETER, L.J. Region III, IE (720101-810228). 72/06/16. ALLAN, J.M. (720101-810228). 23pp. 52728-109-52728-221

**9003010124** Safety Insp on 720515-18 of License SUB-528 Insp Findings noted. HUETER, L.J. Region III, IE (720101-810228). \* Allied Chemical Corp. 52728-222-52728-222

**9003010129** Safety Insp on 730811-12 of Licenses SUB-526 Insp Findings no violations noted. \* Region III, IE (720101-810228). \* Allied Chemical Corp. 73/08/12. 52728-223

**9003010136** Advises that Region III notified on 740404 of private U in damaged condition. Loose drums off loaded, spilled material re-decontaminated. GRANT, W.B. Region III, IE (720101-810228). 74/04/10. Region III, IE (720101-810228). 21pp. 52728-224-52728-244

**9003010140** Discusses Insp of License SUB-528 on 750127-28. ALLAN, J.M. Region III, IE (720101-810228). 75/02/14. RILEY, A.D. Corp. 28pp. 52728-245-52728-272

**9003010145** Ack receipt of 750218 ltr informing AEC of steps taken to achieve compliance noted in Insp. ALLAN, J.M. Region III, IE (720101-810228). 75/03/13. RILEY, A.D. Corp. 1p. 52728-273-52728-273

**9003010151** Forwards corrective steps taken to correct activities in noncompliance w/NRC requirements. RILEY, A.D. Allied Chemical Corp. 75/02/18. ALLAN, J.M. Region III, IE (720101-810228). 1p. 52728-274-52728-274

**9003010157** Responds to IE Bulletin 75-07 re exothermic reaction of hydrogen oxide gases w/cellulose matrix UF6 conversion process. RILEY, A.D. Allied Chemical Corp. 75/12/05. KEPPLER, J.G. Region III, IE (720101-810228). 1p. 52728-275-52728-275

**9003010162** Confirms 751205 telcon w/Lavoux, informing of inspection of three 1-inch Superior valves. Superior Valve Co notified way to determine cause. RILEY, A.D. Allied Chemical Corp. 75/12/11. Region III, IE (72728-276-52728-276)

**9003010163** Informs of abnormal failure of three 1-inch Superior Valves Co notified & investigation currently underway to determine cause. RILEY, A.D. Allied Chemical Corp. 75/12/10. Region III, IE (72728-277-52728-277)

**9003010168** Assigns responsibility for Insp of Allied Chemical Corp. to Fuel Facility Projects & Radiation Support Section. ALLAN, J.M. Fuel Facility & Materials Safety Branch, R3. 75/03/10. LONEGAN, G.T. Region III, IE (720101-810228). 28pp. 52728-278-52728-306

--9003010169 Responds to NRC 760112 Ir re violations noted in Insp of License SUB-526 Corrective actions evaluation made of probable exposure received by each employee & adjustments made to exposure record for 1975  
RILEY,A.D. Allied Chemical Corp. 76/01/27 ALLAN,J.M. Fuel Facility & Materials Safety Branch, R3 2pp. 52728-307-52728-308.

--9003010176 PNO-III-76-009 on 760220, sabotage reported on U ore concentrates imported from South Africa Shp will be surveyed upon return to Baltimore, MD  
DONAHUE,J.F., HIND,J.A., KEPPLER,J.G. Region III, IE (720101-810228) 76/02/20 2pp. 52728-309-52728-310

--9003010179 Notices of weight discrepancy of approx 300 lb discovered in shipment of natural U ore concentrates from Nuclear Fuels Corp of South Africa Cause undetermined Pertinent documents re shipper receiver weight discrepancy encl.  
BISHOP,J.C. Allied Chemical Corp. 76/02/04. KEPPLER,J.G. Region III, IE (720101-810228) 12pp. 52728-311-52728-322.

--9003010182 Forwards inquiry re rpt of weight discrepancy on drum of ore concentrate received from South Africa.  
HIND,J.A. Region III, IE (720101-810228) 76/02/23. MARTIN,W. Region I, IE (720101-810228) 5pp. 52728-323-52728-327

--9003010183 Forwards PNO-III-76-009 re reported shortage of U ore concentrates imported from South Africa W/o encl.  
HIND,J.A. Region III, IE (720101-810228) 76/02/20. ROY,G.W. Office of Inspection & Enforcement (750101-801210) 1p. 52728-328-52728-328

--9003010186 "Facility Effluent Rept for 750701-760101." W/760303 ltr.  
RILEY,A.D. Allied Chemical Corp. 76/01/01. 3pp. 52728-329-52728-331.

--9003010189 Forwards amend to 10CFR40 & 70 published in FR on 751117, defining effluent monitoring & reporting requirements First rept required within 60 days of 760101.  
CROW,W.T. Fuel Process. & Fab. Branch (Pre 790727) 76/02/20 RILEY,A.D. Allied Chemical Corp 3pp. 52728-332-52728-334

--9003010191 Forwards feeder rept covering environ sampling taken at Allied Chemical Corp on 751216  
PAGLIARO,J.A. Region III, IE (720101-810228) 76/04/05. LONERGAN,G.T. Region III, IE (720101-810228) 11pp. 52728-335-52728-345

--9003010194 "Facility Effluent Rept for 760101-0701." W/760721 ltr.  
RILEY,A.D. Allied Chemical Corp. 76/07/01 2pp. 52728-346-52728-347.

--9003010199 Forwards PNO-III-76-066 re U ore concentrate shipping accident  
ALLAN,J.M. Reg on III, IE (720101-810228) 76/09/28. ROY,G.W. Office of Inspection & Enforcement (750101-801210) 1p. 52728-348-52728-348

--9003010201 PNO-III-76-066 on 760925, truck shipment of 72 drums of U yellowcake involved in accident w/passenger car Shipment examined by State of OH D.gaster Svcs Agency & found intact  
RIDGWAY,K.R., FISHER,W.L., ALLAN,J.M. Region III, IE (720101-810228) 76/09/27. 1p. 52728-349-52728-349.

--9003010205 Forwards PNO-III-76-068 re apparent personnel medical problems resulting from 1068 incident.  
ALLAN,J.M. Fuel Facility & Materials Safety Branch, R3. 76/10/05. ROY,G.W. Office of Inspection & Enforcement (750101-801210) 1p. 52728-350-52728-350

--9003010209 PNO-III-76-068 on 761004, notified that employees involved in Nov 1968 UFG release shows recovery to pulmonary injury  
FISHER,W.L., ALLAN,J.M. Region III, IE (720101-810228) 76/10/05 3pp. 52728-351-52728-353.

--9003010210 "Facility Effluent Rept for 760701-770101." W/770126 ltr.  
RILEY,A.D. Allied Chemical Corp. 77/01/01 10pp. 52728-354-52728-033

--9003010213 Advises that commitments in application for amend to License SUB-526 inspectable & no unresolved questions exist  
ALLAN,J.M. Region III, IE (720101-810228) 77/05/12. ROUSE,L.C. Fuel Process. & Fab. Branch (Pre 790727). 1p. 52729-004-52729-004

--9003010214 Requests that listed items be deleted from summary of findings of Insp Rept 40-3392/77-01 & be treated as proprietary  
RILEY,A.D. Allied Chemical Corp. 77/05/17. ALLAN,J.M. Region III, IE (720101-810228) 1p. 52729-005-52729-005.

--9003010217 Ack receipt of 770505 & 17 ltrs informing NRC of steps taken to correct violations noted in Insp Rept 40-3392/77-01.  
ALLAN,J.M. Region III, IE (720101-810228) 77/05/27. RILEY,A.D. Allied Chemical Corp 1p. 52729-006-52729-006.

--9003010220 "Facility Effluent Rept for 770101-0701." W/770815 ltr.  
RILEY,A.D. Allied Chemical Corp. 77/07/01. 24pp. 52729-007-52729-030

--9003010228 "Facility Effluent Rept for 770701-780101." W/780227 ltr.  
RILEY,A.D. Allied Chemical Corp. 78/01/01. 5pp. 52729-031-52729-035.

--9003010233 PNO-III-79-005 on 790117, 12 DOT 17-H 55 gallon drums fell from trailer truck to ground along Interstate I-70 East All 12 drums remained intact Drums loaded onto another trailer & sent on to Allied Chemical Corp plant  
DAVIS,A.B., FISHER,W.L. Region III, IE (720101-810228) 79/01/18. 1p. 52729-036-52729-036

--9003010235 "Facility Effluent Rept for 780701-760101." W/790306 ltr.  
THOMAS,J.H. Allied Chemical Corp. 79/01/01. 3pp. 52729-037-52729-038.

--9003010238 Provides listed info re security surveys of licensees possessing low enriched U.  
KEPPLER,J.G. Region III, IE (720101-810228) 79/05/24. HOWARD,E.M. Division of Safeguards Inspection, IE (750101-801210) 2pp. 52729-040-52729-041

--9003010240 Confirms 800131 telcon w/CC Peck re equipment failure to ore concentrate calciner.  
HANSON,B.J. Allied Chemical Corp. 80/02/01. Region III, IE (720101-810228) 2pp. 52729-042-52729-043.

--9003010244 Responds to 800303 memo re occupational ALARA requirements for U fuel fabrication facilities.  
DAVIS,A.B. Region III, IE (720101-810228) 80/03/19. HIGGINBOTHAM,L. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210) 1p. 52729-044-52729-044.

--9003010246 "Facility Effluent Rept for 800101-0701." W/800814 ltr.  
CIPOLLA,A.J. Allied Chemical Corp. 80/07/01. 5pp. 52729-045-52729-049

--9003010248 Advises that permit to dispose of low level radioactive waste in State of NV suspended due to small spill of solid mat from bottom of shipping containers Insp of QA program requested.  
CIPOLLA,A.J. Allied Chemical Corp. 80/09/10. PECK,C.C. Region III, IE (720101-810228) 4pp. 52729-050-52729-053.

--9003010252 Confirms 801006 telcon w/CC Peck re apparent alarm failure resulting in lost equipment damage  
CIPOLLA,A.J. Allied Chemical Corp. 80/10/06. Region III, IE (720101-810228). 1p. 52729-054-52729-054.

--9003010253 Confirms 801006 telcon w/CC Peck re reportable incident  
CIPOLLA,A.J. Allied Chemical Corp. 80/10/06. Region III, IE (720101-810228) 2pp. 52729-055-52729-056

--9003010255 Notification of 810227 enforcement conference/SALP meeting in Region III  
\* Region III, IE (720101-810228). 81/02/20. Region III, IE (720101-810228). 1p. 52729-057-52729-057.

--9003010258 "Facility Effluent Rept for 800701-810101." W/810220 ltr.  
CIPOLLA,A.J. Allied Chemical Corp. 80/01/01. 4pp. 52729-058-52729-061.

--9003010263 Discusses 300506 alleged overexposure of employees at Allied Chemical Corp. Company placed employee on full face respirator & returned employee to position of dumping drums.  
WEIL,C.H. Region III, IE (720101-810228) 81/03/05. Reg on III, IE (720101-810228). 3pp. 52729-062-52729-064

--9003010268 Notices that individual in facility received accidental inhalation exposure of natural U on 810721 Rept details encl.  
CIPOLLA,A.J. Allied Chemical Corp. 81/08/14. KEPPLER,J.G. Region III, IE (720101-810228) 8pp. 52729-065-52729-072.

--9003010268 "Facility Effluent Rept for 810101-0701." W/810821 ltr.  
CIPOLLA,A.J. Allied Chemical Corp. 81/07/01. 189pp. 52729-074-52729-271.

--9003010272 Forwards Insp Rept 40-3392/81-02 No civil penalty assigned for Seventy III violation  
WARNICK,R.F. Region 3, Oic of the Director (810301-820201). 82/01/28. LIEBERMAN,J. Oic of Inspection & Enforcement, Director (820201-870413). 1p. 52729-272-52729-272.

--9003010274 Forwards IE Info Notice 80-32, Rev 1, clarifying & amending three paragraphs & apps  
KEPPLER,J.G. Region 3, Oic of the Director (810301-820201) 82/02/12. Region 3, Oic of the Director (810301-820201) 1p. 52729-273-52729-273

--9003010277 "Facility Effluent Rept for 820701-830101." W/830224 ltr.  
CIPOLLA,A.J. Allied Chemical Corp. 83/01/01. 3pp. 52729-274-52729-276

--9003010279 Responds to IE Bulfinch 83-07, "Apparently Fraudulent Products Sold by R Milor, Inc." No sub products found  
CIPOLLA,A.J. Allied Chemical Corp. 83/10/14. Region 3, Oic of the Director (810301-820201). 1p. 52729-277-52729-277.

--9003010282 "Facility Effluent Rept for 830701-840101." W/840220 ltr.  
CIPOLLA,A.J. Allied Chemical Corp. 84/01/01. 3pp. 52729-278-52729-280

--9003010286 Trip rept of 840508-10 visit to listed facilities to orient new Region III mgmt personnel to fuel facility sites & personnel, to discuss recent developments within NRC re fuel facility licensing activities & review activities.  
FRANCE,G.M. Region 3, Oic of the Director. 84/05/23. Region 3, Oic of the Director. 2pp. 52729-281-52729-282.

--9003010291 "Facility Effluent Rept for 840101-0701." W/840828 ltr.  
CIPOLLA,A.J. Allied Chemical Corp. 84/07/01. 3pp. 52729-283-52729-285

--9003010294 "Exposure Evaluation."  
\* Allied Chemical Corp. 84/08/25. 10pp. 52729-287-52729-296

--9003010295 Discusses 850102 telcon re scheduling meeting w/conseal staff on 850117 at Region III oic to discuss results of radiation protection insp on 851128-30 & 1203-05, proposed corrective actions & NRC enforcement options.  
HIND,J.A. Region 3, Oic of the Director. 85/01/04. CIPOLLA,A.J. Allied Chemical Corp. 2pp. 52729-297-52729-298.

--9003010298 "Facility Effluent Rept for 850101-0701." W/850818 ltr.  
CIPOLLA,A.J. Allied Chemical Corp. 85/07/01. 2pp. 52729-302-52729-303.

--9003010300 Confirms verbal notification on 860410 re mgmt deviation of UFG cylinder. Corrective actions listed.  
BISHOP,J.C. Allied Chemical Corp. 86/04/11. KEPPLER,J.G. Region 3, Oic of the Director. 2pp. 52729-304-52729-305.

--9003010303 Responds to JC Bishop 860715 ltr requesting 30 day extension to prepare response to notice of violation & proposed imposition of civil penalty issued on 860827. Request granted.  
KEPPLER,J.G. Region 3, Oic of the Director. 86/07/22. TAUTON,L.R. Allied Chemical Corp. 1p. 52729-306-52729-306.

--9003010305 "Facility Effluent Rept for 860101-0701." W/860822 ltr.  
BISHOP,J.C. Allied Chemical Corp. 86/07/01. 3pp. 52729-307-52729-309.

--9003010309 Discusses Apr 1987 telcon w/J Honey re Sequoyah Fuels Corp receiving shipment of yellowcake from South Africa.  
SHAFFER,W.D. Region 3, Oic of the Director. 87/05/13. WEIL,C.H. Region 3, Oic of the Director. 1p. 52729-310-52729-310.



- 9003010314 Notifies that recently discovered packing nut failure on UF6 cylinder valve defect per 10CFR21 Evaluation of defect listed.  
BISHOP, J.C. Allied Chemical Corp. 8/7/07/31. SHAFER, W.D. Region 3, Ofc of the Director. 2pp. 52728 318-52729 319.
- 9003010317 Confirms telcon w/G France re potential problems in installation of 1-inch Superior valves into UF6 cylinders. Info re matter listed.  
BISHOP, J.C. Allied Chemical Corp. 8/7/08/03. SHAFER, W.D. Region 3, Ofc of the Director. 2pp. 52728 320-52729 321.
- 9003010320 "Facility Effluent Rept for 880101-0701." W/880822 ltr.  
BISHOP, J.C. Allied Chemical Corp. 8/8/07/01. 3pp. 52728 322-52728 324.
- 9003010322 "Facility Effluent Rept for 870701-880101." W/880211 ltr.  
BISHOP, J.C. Allied Chemical Corp. 8/9/01/01. 3pp. 52728 325-52729 327.
- 9003010324 "Facility Effluent Rept for 880701-890101." W/890220 ltr.  
BISHOP, J.C. Allied Chemical Corp. 8/9/01/01. 3pp. 52728 328-52729 330.
- 9003010332 Informs of 890502 Safety Assessment Team meeting to discuss individual responsibilities & areas to be inspected for team members.  
SPENIAWSKI, D.J. Region 3, Ofc of the Director. 8/9/04/27. ROUSE, L.C. Fuel Cycle Safety Branch. 1p. 52729 331-52729 331.
- 9003010333 Confirms substance of telcon re Safety Assessment Team Insp scheduled for 890515-19 at Metropolis Works.  
SPENIAWSKI, D.J. Region 3, Ofc of the Director. 8/9/05/10. BISHOP, J.C. Allied Chemical Corp. 2pp. 52729 332-52729 333.
- 9003010336 Forwards State of IL H.B.2310, per 890531 telcon.  
FRANKE, G.M. Region 3, Ofc of the Director. 8/9/06/02. BISHOP, J.C. Allied Chemical Corp. 17pp. 52729 334-52730 204.
- 9003120864 Partial response to FOIA request for documents Forwards documents listed in App C App C documents also available in PDR.  
PHILLIPS, J.H. Division of Freedom of Information & Publications Services (Post 890205). 90/03/09. ROUSE, P.J. Grant, McHendrie, Haines & Crouse 3pp. 52928 300-52929 041.
- 9003120890 Ack receipt of 620731 ltr informing AEC of steps taken to correct violations noted in 620708 ltr. Advises that amend to license needed if other respiratory equipment needed.  
PRICE, E.K. Atomic Energy Commission (Pre 750101). 62/10/17. SUTTON, A.H. Allied Chemical Corp. 1p. 52928 305-52928 305.
- 9003120715 Discusses 651130 telcon w/SF Harantha re licensee plans for constructing pilot plant at Metropolis, IL for R&D involving chemical reprocessing of spent fuels by fluoride volatility process.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 65/12/06. Atomic Energy Commission (Pre 750101). 1p. 52928 306-52928 306.
- 9003120729 Advises that License SUB-526 amended as requested in 670307 application.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 67/04/13. HARMANTHA, S.F. Allied Chemical Corp. 1p. 52928 307-52928 307.
- 9003120732 Advises that Items 7 & 8 in License SUB-526 amended per 651223 application.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 66/01/24. MUMFORD, R.E. Allied Chemical Corp. 1p. 52928 308-52928 308.
- 9003120740 Informs that Item 12 of License SUB-526 deleted following info that 10 lbs of UO3 returned to Union Carbide Nuclear Corp.  
NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101). 64/03/23. SUTTON, A.H. Allied Chemical Corp. 1p. 52928 309-52928 309.
- 9003120749 Informs of amend to License SUB-526, adding Item 12 per 630617 request.  
JOHNSON, L. Atomic Energy Commission (Pre 750101). 63/07/05. SUTTON, A.H. Allied Chemical Corp. 1p. 52928 310-52928 310.
- 9003120755 Informs that 50 mCi of either Th-234, Pa-234 or Th-234 plus Pa-234 may be disposed of by burial at any one time.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 67/09/21. BISHOP, J.C. Allied Chemical Corp. 5pp. 52928 311-52928 315.
- 9003120769 Requests add info re application for renewal of License SUB-526.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 68/01/09. BISHOP, J.C. Allied Chemical Corp. 1p. 52928 316-52928 316.
- 9003120763 Forwards application for renewal of License SUB-526.  
BISHOP, J.C. Allied Chemical Corp. 67/11/20. Atomic Energy Commission (Pre 750101). 1p. 52928 317-52928 317.
- 9003120767 Responds to 680109 request for add info re application for amend to License SUB-526. Permanently installed sample points used for measuring airborne radioactivity located in operating areas at breathing zone levels.  
BISHOP, J.C. Allied Chemical Corp. 68/01/23. HARMON, D.F. Atomic Energy Commission (Pre 750101). 2pp. 52928 318-52928 318.
- 9003120779 Requests add info re 700809 application for amend to License SUB-526.  
LAYFIELD, R.L. Atomic Energy Commission (Pre 750101). 70/10/27. BISHOP, J.C. Allied Chemical Corp. 1p. 52928 320-52928 320.
- 9003120789 Advises that License SUB-526 amended to reflect name change of Industrial Chemicals Div to Specialty Chemicals Div per 680603 request.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 68/06/09. BISHOP, J.C. Allied Chemical Corp. 1p. 52928 321-52928 321.
- 9003120797 Requests amend to License SUB-526 to reflect change in divisional name effective 680501.  
BISHOP, J.C. Allied Chemical Corp. 68/08/03. HARMON, D.F. Atomic Energy Commission (Pre 750101). 1p. 52928 322-52928 322.
- 9003120800 Forwards License SUB-526 as renewed.  
HARMON, D.F. Atomic Energy Commission (Pre 750101). 68/02/12. BISHOP, J.C. Allied Chemical Corp. 1p. 52928 323-52928 323.
- 9003130016 Application for amend to License SUB-526, to reflect due to expansion of production facilities & desire to dispose of waste by onsite burial.  
BISHOP, J.C. Allied Chemical Corp. 70/09/09. HARMON, D.F. Atomic Energy Commission (Pre 750101). 23pp. 52928 324-52928 346.
- 9003130027 Informs that environ rept not expected in support of amend to License SUB-526 re UF6 production plant.  
MALARO, J.C. Atomic Energy Commission, Directorate of Licensing. 71/01/01. FREEMAN, E.J. Allied Chemical Corp. 1p. 52928 347-52928 347.
- 9003130038 Requests forms & appropriate guidelines needed to amend License SUB-526.  
FREEMAN, E.J. Allied Chemical Corp. 72/06/23. LAYFIELD, R.L. Atomic Energy Commission, Directorate of Licensing. 1p. 52928 348-52928 348.
- 9003130046 Informs that Items 7 & 8 of License SUB-526 amended.  
LAYFIELD, R.L. Atomic Energy Commission (Pre 750101). 71/01/01. Allied Chemical Corp. 1p. 52928 349-52928 349.
- 9003130077 Forwards engineer permit application for Metropolis permit being revised due to increased production capacity.  
GARLAND, B.W. Allied Chemical Corp. 73/05/17. ROTHFLEISCH, J. Atomic Energy Commission (Pre 750101). 1p. 52928 350-52928 350.
- 9003130096 Requests that application for renewal of License SUB-526 change Item 10 as attached.  
RILEY, A.D. Allied Chemical Corp. 73/12/11. MALARO, J.C. Atomic Energy Commission (Pre 750101). 4pp. 52928 351-52928 354.
- 9003130108 Confirms 740908 telcon w/JE Rothfisch re request to submit updated application for renewal of License SUB-526.  
MILLER, J.R. Atomic Energy Commission, Directorate of Licensing. 74/01/01. RILEY, A.D. Allied Chemical Corp. 2pp. 52928 355-52928 356.
- 9003130121 Informs that application for renewal of License SUB-526 by 750220 & environ assessment document will be submitted by RILEY, A.D. Allied Chemical Corp. 74/10/25. MILLER, J.R. Atomic Energy Commission, Directorate of Licensing. 1p. 52928 357-52928 357.
- 9003130187 Forwards outline of rept to be submitted in support of renewal of License SUB-526.  
RILEY, A.D. Allied Chemical Corp. 74/10/29. ROTHFLEISCH, J. Atomic Energy Commission, Directorate of Licensing. 7pp. 52928 358-52928 404.
- 9003130205 Advises of determination to supply requested update decision to include in vivo lung counting in bioassay program.  
RILEY, A.D. Allied Chemical Corp. 76/10/05. ROTHFLEISCH, J. Atomic Energy Commission (Pre 750101). 1p. 52927 005-52927 005.
- 9003130235 Discusses 760829 plant visit & meeting w/ licensee re renewal of License SUB-526.  
ROTHFLEISCH, J. Division of Fuel Cycle & Material Safety (Pre 870413). 2pp. 52928 359-52928 360.
- 9003130280 Forwards completed revs & updates of environ info in amendment of Section 3, Page 3-10 & 3-11.  
RILEY, A.D. Allied Chemical Corp. 78/11/16. ROTHFLEISCH, J. Atomic Energy Commission (Pre 750101). 18pp. 52927 008-52927 026.
- 9003130311 Forwards info to support application for renewal of License SUB-526.  
Metropolis Works per 740817 request by JR Miller.  
RILEY, A.D. Allied Chemical Corp. 75/08/17. ROUSE, L.C. Nuclear Safety Branch. 33pp. 52927 027-52927 357.
- 9003130385 "Rept of Soil Investigation Proposed Settling Ponds at SO-BI Co. Materials Testing Service. 73/07/25. 12pp. 52927 028-52927 028.
- 9003130406 Forwards rept re surveillance of Allied Chemical Metropolis, Illinois, State of. 78/11/30. ROTHFLEISCH, J. NRC - Gen. Div. 17pp. 52928 127-52928 143.
- 9003130422 Responds to 781130 telcon w/A Leder, requesting info re Allied Chemical Metropolis Plant.  
MCDONALD, J.O. Environmental Protection Agency. 78/12/07. NRC - No Detailed Action Given. 8pp. 52928 144-52928 151.
- 9003130466 Informs that present water pollution control efforts at Metropolis Works considered satisfactory.  
TESKE, M.G. Illinois, State of. 78/12/13. ROTHFLEISCH, J. NRC - Gen. Div. 3pp. 52928 152-52928 154.
- 9003130480 Informs that review of permit records & plant visit re License SUB-526 in compliance w/present permit regulations & amendments of state air pollution control regulations.  
FRANKE, W.H. Illinois, State of. 78/12/16. ROTHFLEISCH, J. Atomic Energy Commission (Pre 750101). 1p. 52928 155-52928 155.
- 9003130487 Responds to telcon request re facilities for long-term storage of concentrates.  
RILEY, A.D. Allied Chemical Corp. 77/01/24. ROTHFLEISCH, J. Atomic Energy Commission (Pre 750101). 2pp. 52928 156-52928 157.
- 9003130493 Forwards amended pages to "Environ Info Rept" supplemental rept for license renewal.  
RILEY, A.D. Allied Chemical Corp. 77/02/08. ROTHFLEISCH, J. Atomic Energy Commission (Pre 750101). 1p. 52928 158-52928 158.
- 9003130499 Lists info being forwarded to GW Keilholtz re bioassay.  
RILEY, A.D. Allied Chemical Corp. 77/02/09. ROTHFLEISCH, J. Atomic Energy Commission (Pre 750101). 2pp. 52928 159-52928 160.
- 9003130504 Forwards position description for plant health physicist per 770131 request. Qualifications of present employee of supplemental application rept.  
RILEY, A.D. Allied Chemical Corp. 77/02/10. ROTHFLEISCH, J. Atomic Energy Commission (Pre 750101). 3pp. 52928 161-52928 164.

-9003130513 Provides comments & info re data for 1975 operating yr. in response to telephone inquiry on onsite & offsite environ effects of 1975 operations  
RILEY, A.D. Allied Chemical Corp. 77/03/04. ROTHFLEISCH, J. Fuel Process. & Fab. Branch (Pre 790727). 2pp. 52928.165-52928.167.

-9003130521 Forwards amended pages for supplemental rept. per 770315 request.  
RILEY, A.D. Allied Chemical Corp. 77/04/11. ROTHFLEISCH, J. Fuel Process. & Fab. Branch (Pre 790727). 25pp. 52928.168-52928.192.

-9003130598 Forwards amended sheets for environ info & safety review rept. Sheets reflect recently measured & calculated values of activity content of solid waste generated from operation of facility.  
RILEY, A.D. Allied Chemical Corp. 77/08/10. ROTHFLEISCH, J. Fuel Process. & Fab. Branch (Pre 790727). 6pp. 52928.199-52928.204.

-9003130606 Forwards table of 1975 & 1976 U stack emissions to confirm data given by RW Yates during telcon.  
RILEY, A.D. Allied Chemical Corp. 77/07/05. ROTHFLEISCH, J. Fuel Process. & Fab. Branch (Pre 790727). 4pp. 52928.205-52928.208.

-9003130609 Forwards 770628 fire insp rept of Metropolis Works.  
NEWMAN, R.I. Allied Chemical Corp. 77/08/18. ROUSE, L.C. Fuel Process. & Fab. Branch (Pre 790727). 3pp. 52928.209-52928.211.

-9003130614 Responds to ltr re respiratory protection requirements, per 10CFR20.103 CUNNINGHAM, L.J. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 77/10/05. YATES, R.W. Allied Chemical Corp. 8pp. 52928.212-52928.219.

-9003130631 SER for Allied Chemical Corp. Nuclear Products Div re License SUB-526 renewal  
\* Division of Fuel Cycle & Material Safety (Pre 870413). 78/12/31. 49pp. 52928.220-52928.255.

-9003130638 Forwards response to State of IL Public Health Dept concerns re negative declaration filed by NRC on need for environ impact assessment for Metropolis Works  
RILEY, A.D. Allied Chemical Corp. 78/01/30. ROTHFLEISCH, J. Fuel Process. & Fab. Branch (Pre 790727). 11pp. 52928.256-52928.266.

-9003130642 Forwards plan to decommission UF6 facility at Metropolis, IL  
NEWMAN, R.I. Allied Chemical Corp. 78/02/08. ROUSE, L.C. Fuel Process. & Fab. Branch (Pre 790727). 7pp. 52928.267-52928.273.

-9003130647 Forwards amended pages to supplemental rept in support of renewal application to License SUB-526  
RILEY, A.D. Allied Chemical Corp. 78/02/20. ROUSE, L.C. Fuel Process. & Fab. Branch (Pre 790727). 27pp. 52928.274-52928.300.

-9003130657 Application for amend to License SUB-526 to reflect significant improvements in methods for environ monitoring around Metropolis Works  
RILEY, A.D. Allied Chemical Corp. 78/02/23. ROUSE, L.C. Fuel Process. & Fab. Branch (Pre 790727). 3pp. 52928.301-52928.303.

-9003130664 Forwards revised amended pages to supplemental rept in support of application for renewal of License SUB-526 dtd Jan 1975. Revs correctly identify Amend as 2 rather than 5 & provide addl info requested during 780511 telcon.  
RILEY, A.D. Allied Chemical Corp. 78/05/23. ROUSE, L.C. Fuel Process. & Fab. Branch (Pre 790727). 1p. 52928.304-52928.311.

-9003130681 Forwards revised pages for insertion in "Radiological Contingency Plan"  
CIPOLLA, A.J. Allied Chemical Corp. 82/07/23. FISHER, F.D. Uranium Fuel Licensing Branch. 23pp. 52928.312-52928.334.

-9003130692 Submits review schedule for application for renewal of License SUB-526 for comments & recommendations.  
CROW, W.T. Uranium Fuel Licensing Branch. 83/10/17. PAPERIELLO, C.J. Region 3, OIC of the Director. 18pp. 52928.335-52928.353.

-9003130698 SER re application for renewal of License SUB-526.  
COOL, D.A. CROW, W.T. Division of Fuel Cycle & Material Safety (Pre 870413). 85/05/28. 44p. 52928.354-52928.041.

9003210296 Final response to FOIA request for documents App D & E documents encl App E documents partially withheld (w/ FOIA Exemption 6).  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/14. CROUSE, P.J. Grant, McHandrie, Haines & Crouse. 4pp. 53057.345-53058.182.

-8204020154 Confirms 820203 conversation re enforcement action for Allied Corp. Regional oic ltr & notice of violation reviewed as requested. Agrees w/ recommendation not to impose civil penalty.  
LIEBERMAN, J. Oic of Inspection & Enforcement, Director (820201-870413). 82/02/09. WARNICK, R.F. Region 3, Oic of the Director. 15pp. 53058.071-53058.085.

-9003210322 Submits "U Hexafluoride Release Allied Chemical Corp." rept.  
ROY, G.W. Atomic Energy Commission (Pre 750101). 68/11/18. Atomic Energy Commission (Pre 750101). 2pp. 53057.351-53057.352.

-9003210326 Ack receipt of 681208 ltr informing AEC of exposure of two individuals to airborne concentrations of natural U.  
LOW, I.D. Atomic Energy Commission (Pre 750101). 69/03/13. CALKINS, J.A. Allied Chemical Corp. 1p. 53057.353-53057.353.

-9003210328 Confirms that no correspondence planned w/ licensee re investigation into release of natural UF6, resulting in loss of facilities & hospitalization of two employees. No enforcement actions appear appropriate.  
BROCKETT, T.W. Atomic Energy Commission (Pre 750101). 69/03/13. Atomic Energy Commission (Pre 750101). 2pp. 53057.354-53057.355.

-9003210344 Responds to 770413 ltr re IE Insp Rept 40-3392/77-01. Corrective actions monthly & weekly contamination surveys taken in sodium removal U recovery bldg & control room, respectively.  
RILEY, A.D. Allied Chemical Corp. 77/05/05. ALLAN, J.M. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 5pp. 53058.017-53058.021.

-9003220024 Partially deleted memo forwarding investigation rept on 681114-21 re release of natural UF6, resulting in hospitalization of two employees for treatment of acid burns & temporary loss of facilities.  
PHILLIP, G.A. Atomic Energy Commission (Pre 750101). 68/01/06. ROEDER, J.R. Atomic Energy Commission (Pre 750101). 2pp. 53058.086-53058.087.

-9003220032 Partially deleted investigation rept of License SUB-526 on 681114-21. Major areas investigated release of natural UF6 which resulted in loss of facilities & hospitalization of two employees.  
DREHER, F.A., FINN, J.A., ASHLEY, E.C. Atomic Energy Commission (Pre 750101). 01/08/06. 5pp. 53058.088-53058.171.

-9003220041 Partially deleted memo summarizing 690925 ltr con w/ EJ Freeman re results of fecal samples of licensee employees provided in Nov 1968 & analyzed in Sept 1969.  
FINN, J.A. Atomic Energy Commission (Pre 750101). 69/09/25. Atomic Energy Commission (Pre 750101). 1p. 53058.172-53058.172.

-9003220047 Partially deleted memo discussing increase in number of contaminated film badges.  
YATES, R.W. NRC - No Detailed Affiliation Given. 75/12/19. RILEY, A.D. NRC - No Detailed Affiliation Given. 5pp. 53058.173-53058.177.

-9003220054 Forwards partially deleted ltr re medical rept to licensee employee involved in 681112 UF6 release incident.  
ALLAN, J.M. Region III, IE (720101-810220). 77/09/08. HIGGINS, B. THAM, L. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 5pp. 53058.178-53058.182.

9003010009 FOIA request for all license applications. Licenses issued by AEC or NRC & documents re licenses to Allied Chemical for UF6 processing plant at Metropolis, IL & documents reflecting indemnification agreements between licensee & NRC.  
CROUSE, P.J. Grant, McHandrie, Haines & Crouse. 89/12/20. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 21pp. 52727.300-52727.301.

9002260588 Requests to be notified re NRC withdrawal of order prohibiting use of Superior Valve Co cylinder valves. Valves from Lots 17-22 returned on 800218.  
KOSMIDER, M.D. Allied Signal Corp. 90/02/10. SJOEBLOM, G. Fuel Cycle Safety Branch. 3pp. 52753.334-52753.334.

9003010376 Forwards Safety Insp Rept 40-3392/80-01 on 900205-07. No violations identified.  
GREGER, I.R. Region 3, Oic of the Director. 90/02/20. KOSMIDER, M.D. Allied Signal Corp. 1p. 52781.234-52781.241.

-9003010381 Insp Rept 40-3392/80-01 on 900205-07. No violations, deficiencies or deficiencies noted. Major areas inspected: vendor emergency preparedness program & fuel cycle emergency preparedness program.  
FOSTER, J.E., SNELL, W. Region 3, Oic of the Director. 90/02/20. 7pp. 52781.235-52781.241.

9003020163 PNO. 80-010 on 900218, unexpected chemical reaction in UF6 processing sys resulted in abnormal temp & pressure increases within sys. No release of UF6 outside of processing sys occurred. Sys being maintained in stable condition.  
SRENIAWSKI, D., MALLETT, B. Region 3, Oic of the Director. 90/02/20. 21pp. 52785.162-52785.163.

9002270473 Discusses 900218 telcon re temp spike in process vessel & transfer of liquid UF6 due to overpressurization. On 900210, telcon rept received confirming that feed tank 2 had contaminant.  
BIDINGER, G.H. Fuel Cycle Safety Branch. 90/02/22. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 2pp. 52748.186-52748.197.

9003090520 Confirmatory Action Ltr CAL-RH-80-03 re recent chemical reaction in Primary Cold Trap 2B at facility. Licensee will prohibit transfer of liquids in distillation feed tanks until plan formulated for moving liquid.  
DAVIS, A.B. Region 3, Oic of the Director. 90/02/23. KOSMIDER, M.D. Allied Signal Corp. 2pp. 52966.204-52966.205.

9003130704 Ack receipt of 900124 ltr apprising NRC of mgmt organizational changes.  
ROBINSON, G. Fuel Cycle Safety Branch. 90/03/06. KOSMIDER, M.D. Allied Signal Corp. 1p. 52989.242-52989.242.

#### DOCKET 40-3453 ATLAS MINERALS, INC., DENVER, CO

9003010289 Forwards Amend 10 to License SUA-017, incorporating proposed radon attenuation program by adding Condition 54. All other license conditions not changed.  
HALL, R.E. Uranium Recovery Field Oic, R4. 90/02/01. BLUBAUGH, R.E. Atlas Corp. 2pp. 52781.064-52781.070.

-9003010292 Amend 10 to License SUA-017 for Atlas Corp. authorizing possession & use of U at licensee milling facility.  
HALL, R.E. Uranium Recovery Field Oic, R4. 90/01/31. 14pp. 52781.068-52781.079.

9003010492 Recommends issuance of Amend 10 to License SUA-017, reflecting corrective action plan for reducing emissions of radon from tailings pond at Mowb Mill. Plan addresses both ore stockpiles & exposed tailings.  
GARCIA, P., HALL, R.E. Uranium Recovery Field Oic, R4. 90/02/01. Uranium Recovery Field Oic, R4. 4pp. 52771.325-52771.328.

#### DOCKET 40-4492 AMERICAN NUCLEAR CORP., CASPER, WY

9003010504 Recommends that American Nuclear Corp bond be reduced to credit licensee w/ completion of second phase of reclamation. Completion of Phase 2, including placement of interim cover, verified by state insp w/o encls.  
MCKLEY, M. Wyoming, State of. 89/12/05. Wyoming, State of. 1p. 52781.200-52781.200.

9003020110 Advises that bond amount reduced as stated, per completion of second phase of reclamation project.  
HEMMER, D. Wyoming, State of. 90/01/24. FERGUSON, J. American Nuclear Corp. 3pp. 52708.245-52708.247.

9003020106 Provides GNMA account market value figures for end of Dec 1989. Market value in excess of required bond amount.  
SHAFFER, R. Wyoming, State of. 90/01/25. FERGUSON, J.C. American Nuclear Corp. 1p. 52799.186-52799.186.

9003140456 Responds to 900124 ltr re Permit 352 bond Commands efforts of people who worked to reduce bond & have funds released  
FERGUSON, J.C. American Nuclear Corp. 90/02/01. HEMMER, D. Wyoming, State of. 1p. 53001:307-53001:307.

9003010496 Recommends issuance of Amend 39 to License SUA-667 to reduce surety amount & adjust annual surety review date, per licensee 890413 request.  
MICHAUD, P.W. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/06. Uranium Recovery Field Ofc, R4. 6pp. 52781:173-52781:178.

9003010500 Forwards Amend 39 to License SUA-667, revising License Conditions 13 & 16 re effluent & environ monitoring program & financial surety arrangement, respectively, per 890413 request.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/06. FERGUSON, J.C. American Nuclear Corp. 5pp. 52781:179-52781:192.

-9003010501 Amend 39 to License SUA-667 for Gas H-1 Project, authorizing use of natural U for possession only.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/06. 9pp. 52761:184-52781:192.

9003150123 Forwards survey data for Tailings Pond 2 w/ plat showing location.  
FERGUSON, J.C. American Nuclear Corp. 90/02/08. HALL, R.E. Uranium Recovery Field Ofc, R4. 4pp. 53025:059-53025:065.

9003160108 Provides 900131 market value of GNMA account, Permit 352. Market value in excess of required bond amount.  
SHAFFER, R. Wyoming, State of. 90/02/09. FERGUSON, J.C. American Nuclear Corp. 1p. 53035:126-53036:126.

9003160036 Submits rept discussing results of 1989 drilling & monitoring program & proposed corrective action program per License Condition 29 of License SUA-0687. W/o end.  
FERGUSON, J.C. American Nuclear Corp. 90/02/16. HALL, R. Uranium Recovery Field Ofc, R4. 1p. 53060:331-53060:331.

#### DOCKET 40-4869 CASE WESTERN RESERVE UNIV., CLEVELAND, OH

9003190118 Final response to FOIA request for records App A & releasable portions of App C records and App B records available in PDR App C records partially withheld (ref FOIA Exemption B).  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/14. MUNDAY, R. St. Louis Univ., St. Louis, MO. 6pp. 53012:023-53012:135.

-9003190179 Trip rept of 890208 meeting to review regulatory improvement program established by licensee.  
WIEDEMANN, D.G. Region 3, Ofc of the Director. 89/03/24. Region 3, Ofc of the Director. 22pp. 53012:111-53012:132.

#### DOCKET 40-6622 PATHFINDER MINES CORP., SHIRLEY BASIN, WY

9003010116 Forwards Amend 24 to License SUA-442, adding License Condition 42D re revised frequency for analysis, per Section 4.2 of Rev 1 to Reg Guide 8.22, "Boassay at U M's".  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/16. HOPKINS, R. Pathfinder Mines Corp. 2pp. 52781:220-52781:231.

-9003010123 Amend 24 to License SUA-442 for Pathfinder Mines Corp, adding License Condition 42D re frequency of analysis, per Section 4.2 of Rev 1 to Reg Guide 8.22, "Boassay at U M's".  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/16. 10pp. 52781:222-52781:231.

9003010125 Recommends issuance of Amend 24 to License SUA-442, adding Condition 42(D) re frequency of analysis, per Section 4.2 of Rev 1 to Reg Guide 8.22, "Boassay at U M's".  
GARCIA, P.J. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/16. Uranium Recovery Field Ofc, R4. 2pp. 52781:208-52781:209.

#### DOCKET 40-6659 PETROCHEMICALS CO., SHIRLEY BASIN, WY

9003010221 Forwards estimated cost for completion of approved reclamation plan & 890628 ltr, per License Condition 23.  
JUDAY, R.A. Petrochemicals Co. (formerly Getty/Petrochemicals Co.) 90/01/19. HAWKINS, E.F. Uranium Recovery Field Ofc, R4. 1p. 52780:280-52780:315.

-9003010231 Forwards estimated cost for completion of approved reclamation plan, per License Condition 23.  
PFAFF, S.J. Petrochemicals Co. (formerly Getty/Petrochemicals Co.) 89/06/26. HAWKINS, E.F. Uranium Recovery Field Ofc, R4. 34pp. 52780:281-52780:315.

#### DOCKET 40-7455 WHITTAKER CORP., LOS ANGELES, CA

9002280228 "Audit Rept of Radioactive Mail Located Next to Greenville Metals, Greenville, PA."  
MILLER, F.L. Whittaker Corp. 90/02/16. 1p. 52738:139-52738:139.

9002280209 "Audit Rept of Radioactive Mail Located Next to Greenville Metals, Greenville, PA."  
MILLER, F.L. Whittaker Corp. 90/03/12. 1p. 53174:213-53174:213.

#### DOCKET 40-7580 FANSTEEL, INC., NORTH CHICAGO, IL

9002220652 Forwards transmittal ltr, revised License SMB-911, SER & categorical exclusion increased possession limits requested in revised renewal application not authorized Transfer of 5520 ownership of documents to assistant noted W/o end.  
PENNINGTON, W.S. Fuel Cycle Safety Branch. 90/02/13. SWIFT, J.J. Fuel Cycle Safety Branch. 1p. 52700:289-52700:289.

#### DOCKET 40-7779 LUCIUS PITKIN, INC., NEW YORK, NY

9003120664 Partial response to FOIA request for documents. Forwarded in App C App C documents also available in PDR.  
PHILLIPS, J.H. Division of Freedom of Information & Publications. 890205. 90/03/09. CROUSE, P.J. Grant, McHendrie, Haines. 52926:300-52929:041.

-9003130592 Requests & will accept transfer of License SUB-945 for operation of Metropolis, IL U ore concentrate sampling plant, effluent.  
RILEY, A.D. Alcoa Chemical Corp. 77/05/27. ROUSE, L.C. NRC. 52928:189-52928:189.

#### DOCKET 40-8027 NEW SEQUOYAH FUELS CORP., OKLAHOMA

9003090108 Semiannual effluent rept for Second Half 1989 W/9002 KNIGHT, S.P. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear). BEACH, A.B. Region 4, Ofc of the Director. 2pp. 52967:127-52967:127.

9003010459 Forwards affidavit requesting that documents contained in 900122 event be withheld, per 10CFR2.790.  
KNIGHT, S.P. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear). BEACH, A.B. Region 4, Ofc of the Director. 2pp. 52780:328-52780:328.

9002230112 Request reconsideration of New Sequoyah Fuels Corp. for pipeline right-of-way easement. NRC supports effort to eliminate drainage channel.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/21. ISLEY, L.D. Corps of Engineers. 1p. 52715:222-52715:222.

9003010478 Forwards Safety Insp Rept 40-8027/90-01 on 900102-01.  
BEACH, A.B. Region 4, Ofc of the Director. 90/02/21. KNIGHT, S.P. Corp. (subs. of Kerr-McGee Nuclear Corp.). 2pp. 52781:108-52781:108.

-9003010479 Notice of violation from insp on 900102-05. Violation re operator observed working in ash receiving and wearing full-face respirator improperly donned, causing interference w/ seal of facepiece against face.  
Region 4, Ofc of the Director. 90/02/21. 1p. 52781:110-52781:110.

-9003010482 Insp Rept 40-8027/90-01 on 900102-05. Violations inspected: U conversion operations & radiation safety mgmt organization & training operations review & followup on provisions of 10CFR2.790.  
SPLITZBERG, D.B. POWERS, D.A. Region 4, Ofc of the Director. 52781:111-52781:116.

9003140298 Forwards Insp Rept 40-8027/90-02 on 900124-28 & 10ns in response to 900122 split of U tetrafluoride adequate. Two issues noted re reporting of event per 10CFR20.403.  
BEACH, A.B. Region 4, Ofc of the Director. 90/03/05. KNIGHT, S.P. Fuels Corp. 3pp. 53000:339-53000:350.

-9003140346 Insp Rept 40-8027/90-02 on 900124-28 & 0202. Violations properly rept 900122 split of U tetrafluoride. Major areas inspected: 14,000 lb of U tetrafluoride in reduction facility.  
GARCIA, P.J., HALL, R.E. Region 4, Ofc of the Director. 90/03/05. 53000:350.

9003130463 Ack receipt of 900221 ltr re New Sequoyah Fuels Corp. request & forwards response to application.  
ISLEY, L.D. Army, Dept. of, Corps of Engineers. 90/03/07. Fuel Cycle Safety Branch. 2pp. 52995:078-52995:079.

9003190227 Forwards proposed meeting agenda for 900316 enforcement conference. 9003308 telcon & 900305 ltr.  
BEACH, A.B. Region 4, Ofc of the Director. 90/03/09. GRAVES, J.C. Corp. (subs. of Kerr-McGee Nuclear Corp.). 2pp. 53067:114-53067:114.

9003200083 Notification of 900316 enforcement conference in Region 4.  
BEACH, A.B. Region 4, Ofc of the Director. 90/03/09. Region 4. 2pp. 53075:151-53075:152.

#### DOCKET 40-8084 RIO ALGOM MINING CORP., MOAB, UT

9003140428 Application for amend to License SUA-1119, adjusting estimated annual inflation rate Fee paid.  
REAVEAU, B.K. Rio Algom Mining Corp. 90/01/10. HALL, R. Uranium Recovery Field Ofc, R4. 2pp. 53016:290-53016:291.

9003020092 Informs of progress in revising proposed 890303 program. Two additional extraction wells incorporated into program & conduct ongoing monitoring of water levels & groundwater quality.  
PATTISON, R.S. Rio Algom Mining Corp. 90/01/31. HAWKINS, E.F. Field Ofc, R4. 16pp. 52826:229-52826:244.

9003150472 Requests 1-month extension until 900331 to complete 10CFR40.65 effluent rept due on 900301.  
REAVEAU, B.K. Rio Algom Mining Corp. 90/02/21. HALL, R. Uranium Recovery Field Ofc, R4. 1p. 53047:116-53047:116.

9003180087 Grants licensee 900221 request for extension until 900331.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/28. REVIEWS, J.C. Mining Corp. 2pp. 53041:113-53041:114.

9003140484 Responds to 900131 ltr & 900214 discussion re corrective action submitted on 900331. Requests add info by 900323.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/03/02. Rio Algom Mining Corp. 53001:284-53001:286.

9003160006 Advises that 1989 land use survey for Lisbon Mill acceptable per Condition 21 of License SUA-1119. Licensee noted that ore stockpile removed from Section 21 of Township 29 South, Range 24 East & that well is being used to sample groundwater. GONZALES, R.O. Uranium Recovery Field Ofc, R4. 90/03/02. Uranium Recovery Field Ofc, R4. 2pp. 53060.044-53060.045.

#### DOCKET 40-8102 EXXON CO., USA, HOUSTON, TX

9003150099 "Semiannual Environ Monitoring Rpt for Second Half of 1989." W/900215 ltr. RANGE, D.M. Exxon Corp. 89/12/31. 28pp. 53032.218-53032.244.

9003050109 Forwards future activity survey response for License SUA-1138. RANGE, D.M. Exxon Coal USA, Inc. (formerly Carter Mining Co.) 90/01/25. FUNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413). 1p. 52823.015-52823.019.

-9003050111 Requests completion of end future activities survey to enable NMSS to update forecast of number & type of license applications to be received for processing. Completed survey should be returned by 900228. FUNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413). 90/01/22. RANGE, D. Exxon Coal USA, Inc. (formerly Carter Mining Co.) 4pp. 52823.016-52823.019.

9003010455 Provides rpt on progress toward attaining groundwater protection stds at tailings basin. PATTON, J.D. Exxon Corp. 90/01/30. HAWKINS, E.F. Uranium Recovery Field Ofc, R4. 10pp. 52781.001-52781.010.

9003010106 Ack receipt of 900130 correspondence re performance of corrective action program. Four of five pumping wells remain operational. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/16. Exxon Coal USA, Inc. (formerly Carter Mining Co.) 2pp. 52791.114-52791.115.

9003150356 Discusses licensee 900215 submittal of groundwater monitoring data for Second Half 1989. Water level data & water quality data compared favorably w/previous monitoring data & no trends apparent. KOWINSKI, G.R. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/28. Uranium Recovery Field Ofc, R4. 3pp. 53022.104-53022.106.

#### DOCKET 40-8462 BEAR CREEK URANIUM CO., CASPER, WY

9003210349 Forwards "Technical Evaluation of Bear Creek U Co Tailings Disposal Area 1989 Annual Rpt," per License Condition 36. Future insps will be conducted in Apr & repts submitted in May in order to avoid snow cover & have more thorough insp. MEDLOCK, R.L. Union Pacific Resources (formerly Rocky Mountain Energy). 90/02/01. HALL, R., JACOBY, D. Uranium Recovery Field Ofc, R4. 1p. 53051.030-53051.120.

-9003160164 "Technical Evaluation of Bear Creek U Co Tailings Disposal Area 1989 Annual Rpt." W/one oversize drawing. Union Pacific Resources (formerly Rocky Mountain Energy). 89/12/31. 87pp. 53051.031-53051.120.

9003140443 Advises licensee will be required to submit cost estimate for reclamation plan per Criteria 9 & 10 of 10CFR40. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/03/02. MEDLOCK, R.L. Colorado State Univ., Fort Collins, CO. 4pp. 53001.202-53001.283.

#### DOCKET 40-8502 MALAPAI RESOURCES CO., PHOENIX, AZ

9003150144 "NPDES Discharge Monitoring Rpt for Fourth Quarter 1989." W/900215 ltr. WICHERS, D.L. Malapai Resources Co. 89/12/31. WAGNER, J. Wyoming State of 3pp. 53047.153-53047.155.

9003020067 Discusses NRC deprioritization of 891204 proposal for onsite disposal. WICHERS, D.L. Malapai Resources Co. 90/01/24. HALL, R.E. Uranium Recovery Field Ofc, R4. 2pp. 52799.178-52799.180.

9003010404 Responds to 900124 ltr re deprioritization of amend request for onsite disposal of byproduct mail & advises that until NRC establishes positions re disposal of source generated at in situ leach projects, review of amend cannot be completed. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/09. WICHERS, D. Malapai Resources Co. 3pp. 52791.135-52791.137.

#### DOCKET 40-8546 NATIONAL AERONAUTICS & SPACE ADMIN., HAMPTON, VA

9003050081 Responds to NRC 900201 ltr re violations noted in Insp Rpt 40-8546/90-01. Corrective actions transfers of threatened mails outside confines of Langley Research Ctr suspended & request for amend to Condition 10 sent to NRC on 900207. WESSEL, V.W. National Aeronautics & Space Admin. 90/02/21. Document Control Branch (Document Control Desk). 2pp. 52823.008-52823.009.

#### DOCKET 40-8584 MINERALS EXPLORATION CO., LOS ANGELES, CA

9003150027 "Semiannual 10CFR40.65 Environ Monitoring Rpt for 1989." W/900213 ltr. ROYBAL, D. Minerals Exploration Co. (subs. of Union Oil Co. of California). 89/12/31. 4pp. 53033.099-53033.102.

9003010178 Forwards annual ALARA audit rpt, addressing Condition 27 of License SUA-1350. ROYBAL, D. Minerals Exploration Co. (subs. of Union Oil Co. of California). 90/01/23. GARCIA, P. Uranium Recovery Field Ofc, R4. 16pp. 52781.249-52781.264.

9003010203 Informs that annual program review will be submitted prior to 900214, per 900123 telecon. ROYBAL, D. Minerals Exploration Co. (subs. of Union Oil Co. of California). 90/01/24. GARCIA, P. Uranium Recovery Field Ofc, R4. 1p. 52784.352-52784.352.

9003150439 Forwards first annual corrective action program review, summarizing monitoring & mitigation efforts in tailings cell area. ROYBAL, D. Minerals Exploration Co. (subs. of Union Oil Co. of California). 90/02/09. HALL, R.E. Uranium Recovery Field Ofc, R4. 1p. 53032.169-53032.169.

9003160282 Forwards analytical results requested. W/o encl. FERGUSON, M. Oak Ridge National Laboratory. 90/02/16. KONWINSKI, G. NRC - No Detailed Affiliation Given. 1p. 53038.127-53038.127.

9003150248 Forwards revised "Continuous Low-Vol Air Particulate Analysis, Station 4A-1989," correcting numbers. ROYBAL, D. Minerals Exploration Co. (subs. of Union Oil Co. of California). 90/02/19. HAWKINS, E.F. Uranium Recovery Field Ofc, R4. 1p. 53025.270-53025.271.

-9003150250 Revised "Continuous Low-Vol Air Particulate Analysis Station 4A-1989." Minerals Exploration Co. (subs. of Union Oil Co. of California). 89/12/31. 1p. 53025.271-53025.271.

#### DOCKET 40-8681 UMETCO MINERALS CORP., GRAND JUNCTION, CO

9003180056 Application for amend to License SUA-1358, raising discharge limit to 2,600,000 gallons per day. SPARLING, D.K. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 90/02/01. HALL, R.E. Uranium Recovery Field Ofc, R4. 1p. 53040.115-53040.115.

9002280284 Forwards Amend 19 to License SUA-1358, revising License Condition 51 re operating conditions in disposal area. Max operating level of Cell 1-1 shall be 5,618.1 ft w/crest elevation of 5,618.2 ft. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/07. UMETCO Minerals Corp. (subs. of Union Carbide Corp.) 2pp. 52760.310-52760.327.

-9002280295 Amend 19 to License SUA-1358 for Umetco Minerals Corp., authorizing use of U in milling facilities & possession in form of U waste tailings & other byproduct waste generated by licensee milling operations. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/07. 13pp. 52760.312-52760.324.

-9002280297 Recommends that License SUA-1358 be amended by modifying Condition 51(d) as indicated. JACOBY, D.L. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/07. Uranium Recovery Field Ofc, R4. 3pp. 52760.325-52760.327.

9003160048 Forwards check to replace personal check sent w/original submittal re Condition 51 to License SUA-1358. HAMRICK, J.S. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 90/02/13. HALL, R.E. Uranium Recovery Field Ofc, R4. 1p. 53060.008-53060.008.

9003020001 Forwards Insp Rpt 40-8681/90-01 on 900212. No violations or deviations identified. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/23. SPARLING, D. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 1p. 52798.267-52798.270.

-9003020002 Insp Rpt 40-8681/90-01 on 900212. No violations or deviations noted. Major areas inspected consist of liner repair activity of Cell 4A. JACOBY, D.L. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/23. 3pp. 52798.268-52798.270.

9003150370 Forwards Amend 20 to License SUA-1358, modifying License Condition 51 re const of Cell 4A, per 890208 request. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/03/01. SPARLING, D. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 2pp. 53035.091-53035.115.

-9003150383 Amend 20 to License SUA-1358 for Umetco Minerals Corp., amending License Condition 51 re const of Cell 4A. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/03/01. 13pp. 53035.093-53035.105.

-9003150390 Discusses Amend 20 to License SUA-1358, per 890208 request to construct Cell 4A at White Mesa Mill, Blanding, UT & recommends that License Condition 51 be modified to read as stated. JACOBY, D.L. GONZALES, R.O. Uranium Recovery Field Ofc, R4. 90/03/01. Uranium Recovery Field Ofc, R4. 10pp. 53035.108-53035.115.

#### DOCKET 40-8698 PLATEAU RESOURCES, LTD., GRAND JUNCTION, CO

9002280247 Provides proposed surety amount that should reflect increase of 4% for effects of inflation per License Condition 39. BERG, R.T. Plateau Resources, Ltd. 90/02/07. Uranium Recovery Field Ofc, R4. 1p. 52760.010-52760.010.

9003150169 Forwards new organizational chart for Info No License amend needed for change. MORRILL, V. Plateau Resources, Ltd. 90/02/13. MICAUD, P. Uranium Recovery Field Ofc, R4. 2pp. 53047.184-53047.185.

#### DOCKET 40-8714 CLEVELAND-CLIFFS IRON CO., CLEVELAND, OH

9003020174 Forwards key to padlock on Monitor Well 241, per encl T-Chair Land Co signed access agreement. Another key sent to G. Mooney & third key in energy lab ofc. W/o stated encls. AHO, G.D. Cleveland-Cliffs, Inc. 90/01/23. GARLAND, W. Wyoming State of. 1p. 52798.253-52798.253.

#### DOCKET 40-8724 CHEMETRON CORP., CHICAGO, IL

9002220477 Responds to 2/206 petition, dtd 890106, to compel licensee to immediately commence decontamination of Harvard Ave site. On 900110, NRC renewed & revised license, extending time for decontamination of Harvard Ave to 900829. BERNIERO, R.M. Office of Nuclear Material Safety & Safeguards, Director. 90/02/12. ROMER, K.R. McGean-Rohco, Inc. (formerly McGean Chemical Co., Inc.). 1p. 52703.347-52703.347.

9002230218 Forwards documentation showing derivation of estimated annual man/insp cost per NRC Dec 1599 request  
KEPPLE, P. AMAX, Inc 90/02/12 LAROCHE, G Fuel Cycle Safety Branch. 7pp  
52719 257-52716 263.

9003130761 Forwards summary of review of NRC file on AMAX site, Parkersburg, WV & AMAX proposed trust agreement. Site as constructed appears to represent very low health risk to public  
V. RIGONA, J.E. Energy, Dept. of 90/02/23 MANN, S.A. Energy, Dept. of 5pp  
62995 244-52995:248.

**DOCKET 40-8829 FERRET EXPLORATION CO. OF NEBRASKA, INC., CRAWFORD, NE**

9002280222 Ack receipt of 900110 ltr re 900131 expiration of R&D license SUA-1441. Advises that author will consider combining licenses Company existing ltr of credit should remain in place  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/01. COLLINGS, S.P. Ferret Exploration Company of Nebraska, Inc. 2pp. 52759 318-52759 318

**DOCKET 40-8857 POWER RESOURCES, INC., GLENROCK, WY**

9003140245 Application for amend to license SUA-1511, allowing addition of 11,452 acres to Highland U Project licensed area. Addendums to sections & app's of original application providing supplementary info encl W/19 oversized drawings.  
HILDENBRAND, P. Power Resources, Inc. (formerly Sparkling City Nuclear Corp.). 90/01/23. HAWKINS, E.F. Uranium Recovery Field Ofc, R4. 258pp. 53016 292-53017:189.

9002280231 Forwards Amend 21 to License SUA-1511, rev. sing License Condition 44 as indicated. Amend clarifies type of sp 1 to be reported to NRC  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/05. Power Resources, Inc. (formerly Sparkling City Nuclear Corp.) 1p. 52759 320-52759 333.

-9002280235 Amend 21 to License SUA-1511 for Power Resources, Inc., authorizing use of U per statement representations & conditions contained in Section 3 & 4 of license renewal application on dtd Dec 1985 & submitter's dtd 870612 & 1007.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/05. 13pp. 52759 321-52759 333.

9003150221 Submits results of Section 14-50 sand mining unit hydraulic test for review & approval & forwards amend fee W/o encl  
HILDENBRAND, P. Power Resources, Inc. (formerly Sparkling City Nuclear Corp.). 90/02/06. HAWKINS, E.F. Uranium Recovery Field Ofc, R4. 1p. 53325 332-53325 332.

9002280187 Forwards list of items needing clarification re proposed rev to surety amount contained in 900123 submittal. Items include calculation term for 2 1/2 term 51.4 AF per pore vol.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/16. Power Resources, Inc. (formerly Sparkling City Nuclear Corp.). 3pp. 52777 001-52777 003

9003160109 Forwards U & radium analytical data for soil samples collected on 900110 from area affected by pipeline failure. Data does not indicate significant increase above background.  
HILDENBRAND, P. Power Resources, Inc. (formerly Sparkling City Nuclear Corp.). 90/02/20. HALL, R.E. Uranium Recovery Field Ofc, R4. 2pp. 53041 035-53041 036.

9003160085 Ack receipt of 900220 ltr transmitting lab results for soil samples collected on 900110. Requests submittal indicating cleanup method utilized, disposition of waste mail & period of time cleanup activities conducted  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/03/02. Power Resources, Inc. (formerly Sparkling City Nuclear Corp.). 2pp. 53041 115-53041 116

**DOCKET 40-8902 ANACONDA MINERALS CO., GRANTS, NM**

9003010458 Discusses Arco Coal Co 890918 semiannual environ monitoring rept for site  
GARCIA, P.J. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/06. Uranium Recovery Field Ofc, R4. 3pp. 52791 125-52791 127.

9002280198 Discusses Special Insp Rept 40-8902/80-01 on 900205 re Allegation RIV-90-A-007. Insp indicated that change/lunch room although uncomfortable, not radiologically contaminated & appropriate alpha surveys conducted.  
KONWINSKI, G.R. HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/12. WISE, R. Region 4, Ofc of the Director. 3pp. 52761 074-52761 076.

**DOCKET 40-8903 HOMESTAKE MINING CO., GRANTS, NM**

9003200373 Application for license, authorizing 2-yr waiver of net emissions std for hazardous air pollutants requirements  
FARRELL, R.F. Homestake Mining Co 89/12/29. HALL, R. Region 4, Ofc of the Director. 2pp. 53086 010-53086 182.

-9003200378 "Rept Feasibility Study Alternative Tailings Disposal Site." W/ seven oversized encls.  
\* AK GeoConsult, Inc. 89/12/31. 171pp. 53086 012-53086 182.

9002230039 Forwards Radiation Safety Insp Rept 40-8903/90-01 tons or deviations noted.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/12. FARMING Co. 1p. 52715 210-52715:215.

-9002230041 Insp Rept 40-8903/90-01 on 900206 No violations noted. Major areas inspected U mining operations & radiation safety mgmt organization & control/operations review & radwaste mgmt.  
KONWINSKI, G.R. HALL, R.E. Uranium Recovery Field Ofc, 52715:211-52715 215

9002280201 Discusses special insp findings re Allegation RIV-90-A-100. Insp data led in Homestake Insp Rept 40-8903/90-01.  
KONWINSKI, G.R. HALL, R.E. Uranium Recovery Field Ofc, R4. Region 4, Ofc of the Director. 3pp. 52761 077-52761 079.

9003010132 Ack receipt of 900125 ltr informing NRC of steps taken noted in insp of License SUA-1471. If future survey results reveal active mail vendor required to implement add'l measures.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/13. FARMING Co. 3pp. 52761 210-52761 212.

**DOCKET 40-8904 BP AMERICA, INC., CLEVELAND, OH**

9003020114 Forwards financial statements, por telcon re surety ins w/site reclamation.  
KENNEDY, R.B. Kennecott Corp. 90/01/26. HALL, R.E. Uranium Recovery Field Ofc, R4. 5pp. 52816 196-52816 200

9003160113 Forwards request for transfer of L-Bar license SUA-1472.  
SCHURTZ, G.D. Kennecott Corp. 90/02/20. HALL, R.E. Uranium Recovery Field Ofc, R4. 1p. 53037 073-53037 076.

-9003160114 Application for amend to License SUA-1472, seek mail license to new owner. Sohio Western Mining Co., wholly-owned.  
SCHURTZ, G.D. Kennecott Corp. 90/01/29. HALL, R.E. Uranium Recovery Field Ofc, R4. 3pp. 53037 074-53037 076.

9003150087 Forwards Insp Rept 40-8904/90-03 on 900221. No violations noted.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 80/03/01. DELEGATION, Inc. 1p. 53047 213-53047 218.

-9003150092 Insp Rept 40-8904/90-03 on 900221. No violations noted. Major areas inspected independent field measurements, seepage collection waters for various hazardous constituents.  
KONWINSKI, G.R. HALL, R.E. Uranium Recovery Field Ofc, 53047 214-53047 218

9003160005 Advises that 900227 request for 9-day extension for corrective action program review acceptable. Submittal expected.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/03/02. DELEGATION, Inc. 2pp. 53060 042-53060 043.

9003200259 Forwards Insp Rept 40-8904/90-02 on 900111 violation. Results of insp will be discussed during mgmt meeting on 90/03/14.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/03/14. DELEGATION, Inc. 3pp. 53077 001-53077 011.

-9003200261 Notice of violation from Insp on 900115-0206. Violation records did not locate evidence of mail classification by license.  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/03/14. 2pp. 53077 002-53077 012.

-9003200294 Insp Rept 40-8904/90-02 on 900115-0206. Violations noted. Inspected reviewing records from reclamation const activities at JACOBY, D.L., GONZALES, R.O., HALL, R.E. Uranium Recovery Field Ofc, R4. 14pp. 53077 006-53077 011.

**DOCKET 40-8905 QUIVIRA MINING CO., GRANTS, NM**

9003150218 "Groundwater Monitoring Rept for Oct-Dec 1989." V. FERDINAND, B. Quivira Mining Co. 89/12/31. REBUCK, E. New Mexico. 53025:273-53025 274.

**DOCKET 40-8907 UNITED NUCLEAR CORP., SANTA FE, NM**

9003010251 Submits proposed scope of work to complete U mining plan.  
ABT, S.R. Colorado State Univ., Fort Collins, CO. 89/12/14. HALL, R.E. Uranium Recovery Field Ofc, R4. 2pp. 52781 060-52781 061.

**9003140447** Forwards revised analytical reports for Wells GW-3 & 624 for Third Quarter 1989 sample event & for Wells 5C9-D.642.EPA-1 & EPA-25 for Fourth Quarter 1989 sample event.  
JOHNSON,C.G. UNC Resources, Inc. 90/02/20. KONWINSKI,G. Uranium Recovery Field Ofc. R4 8pp 53001-274-53001-281.

**9003150157** Forwards request for add info re 881229 decommissioning plan Response should be submitted by 900420.  
HALL,R.E. Uranium Recovery Field Ofc. R4 90/03/05 VELASQUEZ,J. United Nuclear Corp. App. 53059-357-53059-360

#### DOCKET 40-8926 ALTAIR RESOURCES, INC., CASPER, WY

**9002280263** Forwards landmark 891129,1204,1214,1220 & 900108 ltr re concrete sump rad survey,status rept & invoice including load count,concrete sump decontamination work & soil Ra-226 analysis to complete ltr on pto,ect  
MOXLEY,M. Wyoming, State of 90/01/30. KONWINSKI,G. Uranium Recovery Field Ofc. R4 30pp 52759-338-52760-007.

**9003100569** Forwards final finding of no significant impact re termination of License SUA-1492,for FR publication  
HALL,R.E. Uranium Recovery Field Ofc. R4 90/02/20. MEYER,D. Public Document Branch. 1p. 52781-213-52781-216

**-9003100683** Final finding of no significant impact re termination of License SUA-1492 Gamma surveys & soil radium analysis verify that appropriate regulatory limits achieved  
HALL,R.E. Uranium Recovery Field Ofc. R4 90/02/16 3pp 52781-214-52781-216

**9003150251** Forwards 900228 memo & FR notice supporting termination of License SUA-1492.  
HALL,R.E. Uranium Recovery Field Ofc. R4. 90/03/01 Wyoming, State of. 1p 53025-275-53025-288.

**-9003150254** Discusses termination of License SUA-1492 Concurrent w/ publication of final finding of no significant impact license will be terminated  
KONWINSKI,G. R. HALL,R.E. Uranium Recovery Field Ofc. R4 90/02/28 Uranium Recovery Field Ofc. R4 4pp 53025-276-53025-279

**-9003150256** Forwards final finding of no significant impact re termination of License SUA-1492 for publication in FR as soon as possible.  
HALL,R.E. Uranium Recovery Field Ofc. R4 90/02/20 MEYER,D. Office of the Secretary of the Commission 1p 53025-280-53025-280

**-9003150260** Notice of final finding of no significant impact re termination of License SUA-1492.  
HALL,R.E. Uranium Recovery Field Ofc. R4 90/02/16 3pp 53025-281-53025-288

#### DOCKET 40-8943 FERRET EXPLORATION CO. OF NEBRASKA, DENVER, CO

**9003150477** Application for amend to License SUA-1441 to revise monitoring schedule as listed  
COLLINGS,S.P. Ferret Exploration Company of Nebraska, Inc. 90/01/10 KONWINSKI,G. Uranium Recovery Field Ofc. R4 7pp 53031-102-53031-109

**9003140418** Forwards check inadvertently left out of author 900110 ltr requesting amend to License SUA-1534.  
COLLINGS,S.P. Ferret Exploration Company of Nebraska, Inc. 90/01/15. KONWINSKI,G. Uranium Recovery Field Ofc. R4 1p. 53018-346-53018-346

**9003100446** Forwards irrevocable standby ltr of credit for UIC Permit NE 0114162 in favor of State of NE Dept of Environ Control dtd 880913,including amend dtd 881014,Requests advice in order to proceed w/issuance of surety instrument  
COLLINGS,S.P. Ferret Exploration Company of Nebraska, Inc. 90/01/30 HALL,R. Uranium Recovery Field Ofc. R4 3pp. 52791-132-52791-134.

**9002280222** Ack receipt of 900110 ltr re 900131 expiration of R&D License SUA-1441,Advises that author will consider combining licenses Company existing ltr of credit should remain in place.  
HALL,R.E. Uranium Recovery Field Ofc. R4. 90/02/01. COLLINGS,S.P. Ferret Exploration Company of Nebraska, Inc. 2pp. 52759-318-52759-319.

**9003150105** Forwards draft revised ltr of credit for License SUA-1634.  
COLLINGS,S.P. Ferret Exploration Company of Nebraska, Inc. 90/02/14. HALL,R. Uranium Recovery Field Ofc. R4. 2pp. 53047-208-53047-209.

#### DOCKET 40-8948 SHIELDALLOY CORP., NEWFIELD, NJ

**9002280555** Forwards "West Pile Decommissioning Plan," for approval & advises that comprehensive monitoring plan for entire site, including features described in oncl plan under development & will be submitted to State of OH EPA,per 890223 ltr  
PORTER,W.F. Shieldalloy Metallurgical Corp. 90/02/21. HAUGHNEY,C.J. Fuel Cycle Safety Branch. 2pp. 52753-069-52753-263.

**-9002280562** "West Pile Decommissioning Plan." W/seven oversize drawings  
\* ENSR Consulting & Engineering (formerly ERT). 90/02/28 208pp. 52753-071-52753-263.

**9003020023** Forwards detailed cost estimate for decommissioning of West Pile at Shiel-dalloy Cambridge,OH facility  
NUSS,B.C. Shieldalloy Metallurgical Corp. 90/02/23 HAUGHNEY,C.J. Fuel Cycle Safety Branch. 3pp. 52799-306-52799-308

#### DOCKET 40-8958 URANERZ USA, INC., CASPER, WY

**900310435** Confirms that similarity rept correct in both documentation & conclusion for sites.  
SCHMIDT,C. Uranerz USA, Inc. 90/02/07. HAWKINS,E. Uranium Recovery Field Ofc. R4. 4pp. 52786-027-52786-030.

#### DOCKET 40-8981 URANERZ USA, INC., CASPER, WY

**9003020077** Confirms that licensee granted extension until 900209 to respond to Region IV 900102 ltr,per 900130 telcon  
SCHMIDT,C. Uranerz USA, Inc. 90/01/30. HALL,R.E. Uranium Recovery Field Ofc. R4 1p 52826-245-52826-245.

**900310435** Confirms that similarity rept correct in both documentation & conclusion for sites.  
SCHMIDT,C. Uranerz USA, Inc. 90/02/07. HAWKINS,E. Uranium Recovery Field Ofc. R4 4pp 52786-027-52786-030

**9003150112** Summary of 900207 meeting w/Uranerz in U Recovery Field Ofc re licens-ing response to NRC 900102 ltr  
HAWKINS,E.F. Uranium Recovery Field Ofc. R4 90/03/01. Uranium Recovery Field Ofc. R4. 2pp. 53047-206-53047-207.

#### DOCKET 40-8985 INTERCOMMUNITY CANCER CENTER AT PROVIDENCE HOSP.,

**9003020077** Confirms that licensee granted extension until 900209 to respond to Region IV 900102 ltr,per 900130 telcon  
SCHMIDT,C. Uranerz USA, Inc. 90/01/30. HALL,R.E. Uranium Recovery Field Ofc. R4 1p 52826-245-52826-245

#### DOCKET 40-8991 URANERZ U.S.A., INC., CASPER, WY

**9003020103** Advises that Permit Application TFN 2 4/137 determined to be technically deficient  
SHAFFER,R. Wyoming, State of 90/01/28 CATCHPOLE,G. Uranerz USA, Inc. 1p. 52799-192-52799-192.

### DOMESTIC LICENSING OF PRODUCTION AND UTILIZATION FACILITIES

#### DOCKET 50-2 FORD NUCLEAR REACTOR

#### V. Operator Examinations

**9002280528** Suggests review of 10CFR55.59 to determine if updates or changes should be made to operator requalification program  
MICHAELS,T.S. Non-Power Reactors, Decommissioning & Environmental Proj Dir (891001-900602). 90/02/16. FLEMING,R.F. Michigan, Univ. of, Ann Arbor, MI. 3pp 52722-053-52722-055

#### DOCKET 50-3 INDIAN POINT STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9003090324** Partial response to FOIA request for documents, Listed App B documents enclosed Apps A & B documents available in PDF.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER,M.A. New York Newsday. 18pp. 52990-252-52990-264.

**-9003090386** Ack receipt of 810316 ltr re emergency radiological response plan to be adopted by NRC & FEMA for facility.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/03/26. D'AMATO,A. Senate. 1p 52990-275-52990-275.

**-9003120104** Forwards correspondence re status of emergency planning around sites W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/08/20. OTTINGER,R.L. House of Rep., Energy & Commerce 1p 52990-298-52990-298.

**-9003120492** Forwards FEMA repl re inadequate State of NY & local emergency response plans in vicinity of plant W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/06/04. OTTINGER,R.L. House of Rep., Energy & Commerce. MOFFETT,T., MARKEY,E. House of Rep. 1p. 52991-001-52991-001.

#### H. General correspondence

**9003090324** Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDF.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER,M.A. New York Newsday. 18pp. 52990-252-52990-264.

**-9003090403** Forwards citizen 810321 ltr for consideration & response within 4 wks of receipt of request  
D'AMATO,A. Senate. 81/04/07. NRC - No Detailed Affiliation Given 3pp 52990-279-52990-281.

**-9003090469** Ack receipt of 810407 ltr on behalf of constituent M Wager expressing concern re resumption of operations at facility. Commission issued order on 800538 re discretionary adjudication of Issues Order dtd 810108 encl W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/05/15. D'AMATO,A. Senate. 1p. 52990-290-52990-290.

-9003120480 Requests NRC consideration of end constituent ltr.  
D'AMATO, A. Senate 82/07/28. NRC - No Detailed Affiliation Given. 3pp. 52990-357.  
52990-359

-9003120499 Responds to 820728 ltr on behalf of R Annunzio concerns re safe operation of facility & status of emergency planning in area FEMA assists state & counties in planning process & remedial action implementation. W/related info. W/o end.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/19. D'AMATO, A. Senate 2pp. 52991-003-52991-004

-9003120632 Ack receipt of 830502 ltr transmitting correspondence from J Rief of Mohagan Lake, NY re possible unsafe conditions at facility.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/05/10. D'AMATO, A. Senate 1p. 52991-028-52991-026.

-9003120734 Ack receipt of ltr transmitting correspondence from AE Krewer of Brooklyn, NY re evacuation plans at plant.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/11/10. D'AMATO, A. Senate 1p. 52991-043-52991-043.

-9003130569 Requests NRC consideration of end constituent M Brensh 870728 ltr.  
D'AMATO, A. Senate 87/07/30. NRC - No Detailed Affiliation Given. 2pp. 52991-114-52991-115.

-9003130571 Ack receipt of 870730 ltr on behalf of constituent M Brensh re plant. Response will be forwarded.  
BRADBURN, J.C. Congressional Affairs 87/08/26. D'AMATO, A. Senate 1p. 52991-116-52991-116

9003190110 Final response to FOIA request for documents Forwards App D documents App C documents available in PDR Portions of App E documents withheld (rel FOIA Exemption 6).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 830205). 80/03/03. WEBER, M.A. New York Newsway. 5pp. 53005-338-53005-004

-8401120554 Responds to 830920 ltr re evacuation from plant during severe weather conditions. FEMA, not NRC, responsible for assessing adequacy of offsite emergency planning ltr forwarded to FEMA for response.  
DIRCKS, W.J. Ofc of the Executive Director for Operations. 83/12/23. D'AMATO, A. Senate 1p. 53005-354-53005-355.

-8401120571 Forwards constituent 830825 ltr re evacuation plan during severe weather conditions.  
D'AMATO, A. Senate. 83/09/20. NRC - No Detailed Affiliation Given. 2pp. 53005-356-53005-357.

-9003190119 Ack receipt of constituent Rief 830223 ltr re plant. NRC shares Rief concerns w/foremost interest in safe operation of plant & insists on reasonable assurance of emergency preparedness.  
PLAINE, H.H. Office of the General Counsel (Post 860701). 83/05/17. D'AMATO, A. Senate 1p. 53005-344-53005-344.

-9003190221 Requests NRC consideration of end constituent ltr re whistle-blower protection.  
D'AMATO, A. Senate. 88/08/19. NRC - No Detailed Affiliation Given. 3pp. 53005-358-53005-363.

#### P. Operating license stage documents & correspondence

9003140089 Generic ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28/Item 2, Part 2, "Vertical Interface for Safety-Related Components" Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 5pp. 53195-014-53195-063

#### Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 83pp. 52776-262-52776-360.

9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 690205). 90/02/26. WEBER, M.A. New York Newsway. 18pp. 52990-252-52990-264.

-9003120276 Forwards announcement that presiding ASLB has scheduled Jan 14-16 sessions for public participation in facility proceeding Press release did 811210 re alleged violations encl. W/o announcement.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/12/15. OTTINGER, R.L. House of Rep. Energy & Commerce. MOFFETT, L., D'AMATO, A. House of Rep. 3pp. 52990-317-52990-317.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776-163-52776-261.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement on Control Directors Before Beginning Work in Agreement on Agreement on CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52990-018.

9003010227 NRC Info Notice 90-016, "Compliance W/New Design Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Design (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 104pp. 52963-086-52963-018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potable Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52964-199-52964-018.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Design Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 104pp. 52963-086-52963-018.

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Valves Used on Diesel Generator Air Start Recovery Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-018.

9003050148 NRC Bulletin 90-001, "Loss of Full-Q in Transmitters." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52963-018.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Rectification Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 98pp. 52963-193-52963-018.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Control." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-018.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting from Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53132-001-53132-018.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-018.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-018.

#### R. Periodic operating reports & related correspondence

9003140261 "Semiannual Effluent & Waste Disposal Rept, Sem 90/228 ltr.  
MIELE, M.L. Consolidated Edison Co. of New York, Inc. 89/12/30. 53000-203.

#### S. Reportable occurrences, LERs & related correspondence

9002220371 Part 21 rept re maint of Automatic Valve Corp MSIV valve using spanner wrench in order to avoid solenoid valve 85 change in design. Maint instructions encl.  
HUTCHINS, T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given. 38pp. 52738-058-52738-105.

#### U. Congressional/Executive Correspondence

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 690205). 90/02/26. WEBER, M.A. New York Newsway. 18pp. 52990-252-52990-264.

-9003090344 Forwards announcement re public hearing info Announcement will be mailed to news media on 810108.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/12/15. OTTINGER, R.L. House of Rep. Energy & Commerce. MOFFETT, L., D'AMATO, A. House of Rep. 3pp. 52990-317-52990-317.

-9003090386 Ack receipt of 810316 ltr re emergency radiologic accident by NRC & FEMA for facility.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/12/15. 52990-275-52990-275.

-9003120104 Forwards correspondence re status of emergency planning around sites W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/08/26.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52990:288-52990:288

-9003120258 Forwards announcement that presiding ASLB has scheduled prehearing conference on plant for 811202 in Croton-on-Hudson,NY.W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/11/17  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52990:313-52990:313

-9003120276 Forwards announcement that presiding ASLB has scheduled Jan 14-16 sessions for public participation in facility proceeding.Press release dtd 811210 re alleged violations encl.W/o announcement.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/12/15  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 3pp. 52990:317-52990:317

-9003120283 Forwards preliminary rept published by NRC to determine whether practical features for mitigating consequences of core-melt accidents would contribute to plant safety at plants W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/12/17.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52990:318-52990:318

-9003120419 Forwards announcement that presiding ASLB has scheduled prehearing conference on plant W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/04/02  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52990:349-52990:349

-9003120484 Forwards Palled no revised version of statement which appended Commission 820727 order W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/07/29  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52990:360-52990:360

-9003120492 Forwards FEMA rept re inadequate State of NY & local emergency response plans in vicinity of plant W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/08/04  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:001-52991:001

-9003120495 Forwards memorandum & certification from ASLB for plant special proceeding requesting clarification of 820727 order re admissibility of contentions in proceeding W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/08/10  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:002-52991:002

-9003120522 Forwards memo to administrative judges in plant proceedings, transmitting draft lit report on review & evaluation of plant probabilistic safety study,for info W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/09/02  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:007-52991:007

-9003120536 Forwards order issued by NRC appointing JP G'eaon as chairman of facility licensing board W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/09/16  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:008-52991:008

-9003120541 Forwards Commission order addressing several questions certified by ASLB in facility special proceeding W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/09/20  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:009-52991:009

-9003120556 Forwards announcement that NRC proposes to fine util for alleged failure to meet requirements W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/12/17.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:017-52991:017

-9003120567 Advises that NRC issued order allowing continued operation of plant through Mar 1983.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 82/12/23.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:018-52991:018

-9003120583 Forwards announcement that special hearing re two reactors at plant will resume on 830110 W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/01/03. D'AMATO,A. Senate. 1p. 52991:019-52991:019

-9003120577 Forwards announcement that ASLB has scheduled special public hearing for site W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/02/17. D'AMATO,A. Senate. 1p. 52991:021-52991:021

-9003120708 Forwards ASLB 831024 recommendations re operation of plant. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/10/25.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:039-52991:039

-9003130114 Forwards announcement that combined subcommittee of ACRS will hold technical meeting on 840314 to discuss recommendations on future ACRS review of plant re regulatory consideration of severe nuclear accidents W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/03/07.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:052-52991:052

-9003130263 Forwards announcement that helicopter flying over facility & surrounding areas will be conducting routine radiological background survey W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/06/25.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991:081-52991:081

## DOCKET 50-6 PENNSYLVANIA STATE UNIV. RESEARCH REACTOR

### P. Operating license stage documents & correspondence

9003070287 Notification of 900326 meeting w/Penn State in Rockville,MD to discuss installation of computerized control sys for TRIGA research reactor.  
ADAMS,A. Non-Power Reactor Decommissioning & Environ Proj. Directorate(890730-890930). 90/03/02. WEISS,S.H. Non-Power Reactor Decommissioning & Environ Proj Directorate(890730-890930). app. 52880:080-52890:083.

9003220029 Documents Penn State Breazeale Reactor understanding re core irradiations of SNM based on 900228 telcon between T Finchbaugh & A Adams concerning interpretation of SNM-95 & R-2 iconsos  
VOTH,M.H. Pennsylvania State Univ., University Park, PA 90/03/14. Document Control Branch (Document Control Desk) 1p. 53123:088-53123:088.

## DOCKET 50-10 DRESDEN NUCLEAR POWER STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

9003050033 Rev 3 to EPIP EP-EOP-18, "Communicator"  
CARSON,R.L. GILMAN,T.R. JOHNSON,I.M. Commonwealth Edison Co. 89/11/29 22pp. 52825:088-52825:089.

9003020202 Revised DSSP procedures consisting of Rev 2 to DSSP 100-B, Rev 2 to DSSP 100-B1 & Rev 3 to DSSP 100-A2/B2  
MORRIS,D. Commonwealth Edison Co. 90/02/13. 109pp. 52803:102-52800:210.

9003090071 Revised EPIPs including Rev 4 to ED-A, Rev 7 to ED-19, Rev 3 to ED-21, Rev 5 to ED-24, Rev 5 to ED-30, Rev 2 to ED-31 & Rev 6 to ED-28  
FERGUSON,B.S. JOHNSON,I.M. Commonwealth Edison Co. 90/02/21. 87pp. 52950:190-52950:208

9003120084 Rev 1 to EPIP 300-1, "Notification for Generating Station Emergency Plan Emergencies"  
Commonwealth Edison Co. 90/02/26. 17pp. 52974:199-52974:215

9003090415 Rev 0 to EPIP 300-02, "Initial Notifications (Primary Responsibility - Station Director)"  
Commonwealth Edison Co. 90/02/27. 20pp. 52973:094-52973:113

9003190363 Rev 1 to EPIP 300-S5, "NRC Event Notification Worksheet."  
Commonwealth Edison Co. 90/03/07. 13pp. 53050:283-53050:275.

9003200036 Forwards Rev 39 to security plan Rev withheld (ref 10CFR73.21)  
KOVACH,T.J. Commonwealth Edison Co. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53075:111-53075:111.

9003260130 Rev 7 to EPIP EG-2, "Use of Commonwealth Edison Co & IDNS Monitoring Maps" W/ six oversize drawings.  
MOLKE,R.A.J. GOLDEN,J.C. JOHNSON,I.M. Commonwealth Edison Co. 90/03/12. 9pp. 53189:181-53189:170.

### P. Operating license stage documents & correspondence

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2. "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195:014-53195:069.

### Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52770:202-52776:360.

9002230283 NRC Info Notice 90-011, "Want Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776:163-52776:261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844:001-52844:099.

9003050175 Partial response to FOIA request for records App W records encl & available in POR  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/01. PEPPERMAN,D.R. Blecher & Collins. 2pp. 52793:297-52794:113.

-8009160653 Forwards response to IE Bulletin 78-10, "Bergen-Paterson Hydraulic Shock Suppressor Accumulator Spring Coils." No Bergen-Paterson snubbers installed at Dresden, Zion, LaSalle County, Byron or Bradwood facilities  
REED,C. Commonwealth Edison Co. 78/08/08. KEPPLER,J.G. Region III, IE (720101-810228). 10pp. 52794:104-52794:113.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844:100-52844:198.



900229041 NRC info Notice 90-014. "Accidental Disposal of Radioactive Mail" Svc  
1st encl  
JAMES R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
Consolidated Edison Co. of New York, Inc. 68pp 52997 001-52997-094

9003010172 NRC info Notice 90-015. "Reciprocity Notification of Agreement State Radi-  
ation Control Directors Before Beginning Work in Agreement States" Svc 1st encl  
JAMES R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
Consolidated Edison Co. of New York, Inc. 95pp 52997 095-52997-189

9003010227 NRC info Notice 90-016. "Compliance With New Decommissioning Rule"  
1st encl  
JAMES R.E. Division of Low Level Waste Management & Decommissioning (Post  
870729) Consolidated Edison Co. of New York, Inc. 91pp 52997 288-  
52997-299

9003010293 Supp 2 to NRC info Notice 69-059. "Suppliers of Potentially Misrepresent-  
ing Information" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/07  
Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844-298

9003020211 NRC info Notice 90-017. "Weight & Ctr of Gravity Discrepancies for Copes-  
ton Reactors" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/08  
Consolidated Edison Co. of New York, Inc. 104pp 52963 096-52963-193

9003050043 NRC info Notice 90-019. "Potential Problems With Safety Relief  
Valves on Dresden Generator Air Start Receiver Tanks" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963-299

9003050148 NRC info Notice 90-020. "Loss of F.O. in Transmitters Mfg by Rosemount"  
1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 109pp 52963 300-52963-048

9003060213 NRC info Notice 90-019. "Potential Loss of Effective Vol for Containment  
Spray at FWR Facilities" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc. 98pp 52997 190-52997-287

9003100012 NRC info Notice 90-022. "Loss of Thermal Margin Caused by Channel Box  
Leak" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/20  
Consolidated Edison Co. of New York, Inc. 68pp 53035 129-53035-226

9003180224 NRC info Notice 90-020. "Personnel Injuries Resulting From Improper Op-  
eration of Baxendale Incinerators" Svc 1st encl  
JAMES R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
Consolidated Edison Co. of New York, Inc. 91pp 53166 057-53166-147

9003180308 NRC info Notice 90-021. "Potential Failure of Motor Operated Buttery  
Valve to Operate Because Valve Seat Friction Was Underestimated" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 100pp 53152 001-53152-100

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
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JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
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9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
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JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
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JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
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9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
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Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
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JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
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9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
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JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

9003190349 NRC info Notice 90-022. "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units" Svc 1st encl  
JAMES R.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165-108

DOCKET 50-20 MASSACHUSETTS INSTITUTE OF TECHNOLOGY REACTOR

P. Operating license stage documents & correspondence

9002220418 Submits proposal for conversion to low enriched U per 10  
18 tons on Use of Highly Enriched U. Federal funding for conversion  
U will not be available during FY90 & FY91.  
BERNARD J.A. Massachusetts Institute of Technology, Cambridge  
Document Control Branch (Document Control Desk) 2pp 52715 051-

9003200424 Forwards MITNRL-031. "SER for BWR Coolant Chemistry  
BERNARD J.A. HARLING O.K. Massachusetts Institute of Techno  
MA 90/03/09 Document Control Branch (Document Control Desk)  
53077-193

-9003200430 "SER for BWR Coolant Chemistry Loop" to be install  
MITR  
AMES, M.R., BAEZA, J.L., DRISCOLL, M.J. Massachusetts Institute  
Cambridge, MA. 90/03/00. 43pp 53077-151-53077-193.

Q. Inspection reports, IE Bulletins & correspondence

9002270437 Ack receipt of 900118 ltr informing NRC of steps taken to  
noted in Insp 50-020/89-03  
GALLO, R.M. Region 1, Ofc of the Director 90/02/00. BERNARD J.A.  
Institute of Technology, Cambridge, MA. 2pp 52756 122-52756-125

DOCKET 50-27 WASHINGTON STATE UNIV. RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

9003020156 "Emergency Preparedness Plan for Nuclear Radiation  
State Univ Pullman WA" W/900220 ltr.  
COULTER, C. Washington State Univ., Pullman, WA 93/09/30 (C)  
Dated Attn: On Gvon 57pp 52800 043-52800-101

DOCKET 50-29 YANKEE-ROWE NUCLEAR POWER STATION

F. Security, medical, emergency & fire protection plans

9002270467 Forwards Insp Rpt 50-020/89 80 on 891108-14 Weakness  
cy procedures identified  
GALLO, R.M. Region 1, Ofc of the Director 90/02/10. KAIJAK, A.  
Electric Co. 2pp 52745 204-52745-244

-9002270469 Insp Rpt 50-020/89 80 on 891108-14 No violations, w  
inspected plant emergency operating procedures  
BRIGGS, L.E., ESELGROTH, P.W. Region 1, Ofc of the Director  
52745 208-52745-244.

9003020012 Forwards Safeguards Insp Rpt 50-029/90 05 on 900320  
noted  
BELLAMY, R.R. Region 1, Ofc of the Director 90/02/10. KAIJAK, A.  
Electric Co. 2pp 52789 314-52789-317.

-9003020013 Physical Security Insp Rpt 50-020/89 05 on 890209  
noted Major areas inspected Implementation of safeguards info &  
control programs at corporate ofc  
LANCASTER, W.K., KEIMIG, R.R. Region 1, Ofc of the Director  
52789 318-52789-317.

9003180236 Forwards Safety Insp Rpt 50-029/90 01 on 900103-021  
item noted re administrative aspects of fitness-for-duty program.  
JOHNSON, J.R. Region 1, Ofc of the Director 90/03/00. ST. LA  
Atomic Electric Co. 2pp 53039 328-53039-343.

-9003180239 Insp Rpt 50-029/90 01 on 900103-021 Unresolved  
10CFR21 rept on Safety Class 2 U-tube IIX & fitness-for-duty pro  
inspected operational safety, security, plant operations, maint/surveillance  
EAPEN, P.K. Region 1, Ofc of the Director 90/03/00. 14pp 53039 318-53039-317

P. Operating license stage documents & correspondence

9003010415 Requests change of address for all mailings of NRC lico  
ence re license renewal & severa additons as listed  
HASELTINE, J.D. Yankee Atomic Electric Co 90/02/00. WEISSMA  
reclorate I-3. 1p 52781 063-52781-063.

9002230033 Ack receipt of 900126 ltr re partial exemption from annual  
of 10CFR171 for FY90 Results of review will be forwarded as  
reached  
DANDOLIS, D.B. License Fee & Debt Collection Branch (Post 86  
TRACY, H.T. Yankee Atomic Electric Co. 1p 52715 062-52715-062.

9003120556 Notification of 900314 meeting w/whl to discuss licenso  
SEARS, P.M. Project Directorate I-3. 90/02/27. WEISSMAN, R.H. Pr  
3 6pp 52980 038-52980-040

9003150255 Notices of cancelled 900314 meeting w/whl re reactor v  
Gu'da 89-  
SEARS, P.M. Project Directorate I-3. 90/02/27. WEISSMAN, R.H. Pr  
3 3pp 53026 262-53026-264.

#### R. Periodic operating reports & related correspondence

9003050173 Semiannual radioactive effluent rept for Jul Dec 1989. W/900228 ltr.  
KAIJAK, A. Commonwealth Edison Co. 89/12/31. 54pp 52637-189-  
52637-242

9002260575 Monthly operating rept for Jan 1990 for Dresden Nuclear Power  
Station W/900202 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/01/31 35pp  
52748 051-52748-051

9003200317 Monthly operating rept for Feb 1990 for Dresden Nuclear Power  
Station W/900301 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/02/28 41pp.  
52748 051-52748-051

9003200317 Monthly operating rept for Feb 1990 for Dresden Nuclear Power  
Station W/900301 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/02/28 41pp.  
52748 051-52748-051

9003200317 Monthly operating rept for Feb 1990 for Dresden Nuclear Power  
Station W/900301 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/02/28 41pp.  
52748 051-52748-051

9003200317 Monthly operating rept for Feb 1990 for Dresden Nuclear Power  
Station W/900301 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/02/28 41pp.  
52748 051-52748-051

9003200317 Monthly operating rept for Feb 1990 for Dresden Nuclear Power  
Station W/900301 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/02/28 41pp.  
52748 051-52748-051

9003200317 Monthly operating rept for Feb 1990 for Dresden Nuclear Power  
Station W/900301 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/02/28 41pp.  
52748 051-52748-051

9003200317 Monthly operating rept for Feb 1990 for Dresden Nuclear Power  
Station W/900301 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/02/28 41pp.  
52748 051-52748-051

9003200317 Monthly operating rept for Feb 1990 for Dresden Nuclear Power  
Station W/900301 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/02/28 41pp.  
52748 051-52748-051

9003200317 Monthly operating rept for Feb 1990 for Dresden Nuclear Power  
Station W/900301 ltr  
PARANOS, G.M., EENGENBURG, E. Commonwealth Edison Co. 90/02/28 41pp.  
52748 051-52748-051

9003090189 Forwards proprietary Rev 0 to "Methodology for Identifying Potential Fluid Component Age-Related Degradation at Yankee Nuclear Power Station." Rept with-hold (ref 10CFR2.790).

HASELTINE, J.D. Yankee Atomic Electric Co. 90/03/02. TRAVERS, W.D. Assistant Director for Special Projects (Post 891001). 3pp. 52979:333-52979:335.

9003090479 Notification of 900315 meeting w/utl to discuss licensee approach to reactor vessel evaluations for license renewal.  
SEARS, P.M. Project Directorate I-3. 90/03/02. WESSMAN, R.H. Project Directorate I-3. 4pp. 52945:042-52945:045

9003130087 Accepts utl response as fulfilling requirement of Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Any action that differs from generic ltr should be documented & retained in appropriate plant records.  
SEARS, P.M. Project Directorate I-3. 90/03/02. PAPANIC, G. Yankee Atomic Electric Co. 2pp. 53014:359-53014:360.

9003140281 Forwards understanding of current status of all unimplemented USIs & encourages effort for completion.  
SEARS, P.M. Project Directorate I-3. 90/03/06. PAPANIC, G. Yankee Atomic Electric Co. 3pp. 53000:010-53000:012.

9003150198 Forwards Amend 130 to License DPR-3 & safety evaluation. Amend allows utilization of neutron flux instrumentation sys. including ability for enhanced testing at power & mods to clarify specs.  
SEARS, P.M. Project Directorate I-3. 90/03/06. PAPANIC, G. Yankee Atomic Electric Co. 6pp. 53025:286-53025:323.

9003150203 Amend 130 to License DPR-3, allowing utilization of new neutron flux instrumentation sys. including ability for enhanced testing at power & mods to clarify specs.  
WESSMAN, R.H. Project Directorate I-3. 90/03/06. 21pp. 53025:301-53025:321.

9003150207 Safety evaluation supporting Amend 130 to License DPR-3.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/06. 2pp. 53025:322-53025:323.

9003280219 Forwards nonproprietary Rev 0 to "Methodology for Identifying Potential Fluid Component Age-Related Degradation at Yankee Nuclear Power Station," per 900302 transmittal.  
GRANT, J.M. Yankee Atomic Electric Co. 90/03/13. SKOZCLAS, J.A. Document Control Branch (Document Control Desk). 1p. 53175:284-53175:334.

9003280225 Nonproprietary Rev 0 to "Methodology for Identifying Potential Fluid Component Age-Related Degradation at Yankee Nuclear Power Station."  
Yankee Atomic Electric Co. YAEC-1727 R00 90/03/31. 40pp. 53175:285-53175:334.

9003220252 Forwards Rev 1 to YAEC-1693-A, "Application of One-Dimensional Kinetics to BWR Transient Analysis Methods," per NUREG 0390.  
TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 90/03/15. Document Control Branch (Document Control Desk). 1p. 53113:001-53113:070.

9003220276 Rev 1 to "Application of One-Dimensional Kinetics to BWR Transient Analysis Methods."  
ANSARI, U.A., CHANDOLA, V., LEFRANCOIS, M.P. Yankee Atomic Electric Co. YAEC-1693-A R01 89/11/30. 69pp. 53113:002-53113:070.

9003230039 Forwards Amend 131 to License DPR-3 & safety evaluation. Amend incorporates into Tech Specs mods to allow licensee to make certain changes in ECCS.  
SEARS, P.M. Project Directorate I-3. 90/03/19. PAPANIC, G. Yankee Atomic Electric Co. 6pp. 53138:321-53138:339.

9003230040 Amend 131 to License DPR-3, incorporating into Tech Specs mods to allow licensee to make certain changes in ECCS.  
WESSMAN, R.H. Project Directorate I-3. 90/03/19. 9pp. 53138:328-53138:334.

9003230041 Safety evaluation supporting Amend 131 to License DPR-3.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/19. 5pp. 53138:335-53138:339.

9003270076 Forwards preliminary assessment of utl evaluation of need to modify plant steam generator overfill protection, per Generic Ltr 89-19 re USI A-47. Scope & schedule of confirmatory analyses will be provided by 900702.  
SCHULTZ, S.P. Yankee Atomic Electric Co. 90/03/19. Document Control Branch (Document Control Desk). 7pp. 53192:016-53192:022.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195:014-53195:069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002270467 Forwards Insp Rept 50-029/89-80 on 891106-14. Weaknesses re emergency procedures identified.  
GALLO, R.M. Region 1, Ofc of the Director. 90/02/16. KADAK, A.C. Yankee Atomic Electric Co. 2pp. 52745:204-52745:244.

9002270469 Insp Rept 50-029/89-80 on 891106-14. No violations noted. Major areas inspected, plant emergency operating procedures.  
BRIGGS, L.E., ESELGROTH, P.W. Region 1, Ofc of the Director. 90/02/16. 38pp. 52745:208-52745:244.

9002280111 Advises that utl 900119 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," satisfactory.  
SEARS, P.M. Project Directorate I-3. 90/02/16. PAPANIC, G. Yankee Atomic Electric Co. 2pp. 52779:241-52779:242.

9003020012 Forwards Safeguards Insp Rept 50-029/90-05 on 900207-09. No violations noted.  
BELLAMY, R.F. Region 1, Ofc of the Director. 90/02/19. KADAK, A.C. Yankee Atomic Electric Co. 2pp. 52799:314-52799:317.

9003020013 Physical Security Insp Rept 50-029/90-05 on 900207-09. No violations noted. Major areas inspected: implementation of safeguards info & personnel access control programs at corporate ofc.  
LANCASTER, W.K., KEIMIG, R.R. Region 1, Ofc of the Director. 90/02/16. 2pp. 52799:316-52799:317.

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core BOW." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776:262-52776:360.

9003050263 Responds to NRC 900126 ltr re violations noted in Insp Rept 50-029/89-20 on 891107-890102. Corrective actions: procedural requirements of Administrative Procedure Act, 202R re issuing & placing nonconforming mail in svc reemphasized.  
ST LAURENT, N.N. Yankee Atomic Electric Co. 90/02/24. Document Control Branch (Document Control Desk). 3pp. 52823:142-52823:144.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776:163-52776:261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/20. Consolidated Edison Co. of New York, Inc. 99pp. 52844:001-52844:089.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844:100-52844:198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997:001-52997:094.

9003140299 Forwards Safety Insp Rept 50-029/90-03 on 900205-09. No violations noted. Understands that at end of next refueling outage, utl plans to remove mail samples to determine no cause of cracking in safety injection storage tank.  
HODGES, M.W. Region 1, Ofc of the Director. 90/03/06. KADAK, A.C. Yankee Atomic Electric Co. 2pp. 53001:058-53001:064.

9003140301 Insp Rept 50-029/90-03 on 900205-09. No violations noted. Major areas inspected: utl activities in response to 900110 leak discovered in safety injection tank.  
MCBREARY, R.A., LOHMEIER, A., STROSNIDER, J.R. Region 1, Ofc of the Director. 90/03/01. 5pp. 53001:080-53001:084.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Notification Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997:095-52997:189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997:288-52997:318.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844:199-52844:288.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963:006-52963:189.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963:200-52963:299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963:300-52963:408.

9003160236 Forwards Safety Insp Rept 50-029/90-01 on 900103-0212. One unresolved item noted re administrative aspects of fitness-for-duty program.  
JOHNSON, J.R. Region 1, Ofc of the Director. 90/03/09. ST LAURENT, N. Yankee Atomic Electric Co. 2pp. 53039:328-53039:343.

9003160239 Insp Rept 50-029/90-01 on 900103-0212. Unresolved items noted re 10CFR21 rept on Safety Class 2 U-tube HX & fitness-for-duty program. Major areas inspected: operational safety, security, plant operations, maint/surveillance & LEAs.  
EAPEN, P.K. Region 1, Ofc of the Director. 90/03/09. 14pp. 63039:330-63039:343.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 99pp. 52997:190-52997:287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 99pp. 53035:129-53035:226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53186:057-53186:147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

#### R. Periodic operating reports & related correspondence

9003080311 "Personnel & Man-Rem by Work & Duty Function Final End-of-Yr Rpt for 1989." W/900223 tr. PAPANIC.G. Yankee Atomic Electric Co. 89/12/31. 2pp. 53049-001-53049-002.

9003080494 "Effluent & Waste Disposal Semiannual Rpt for Third & Fourth Quarters 1989." W/900228 tr. PAPANIC.G. Yankee Atomic Electric Co. 89/12/31. 21pp. 52894-274-52894-294.

9003080505 "Yankee Nuclear Power Station 1989 Annual Rpt." W/900228 tr. HENDERSON.T.K. Yankee Atomic Electric Co. 89/12/31. 24pp. 52897-034-52897-057.

9003200137 Monthly operating rpt for Feb 1990 for Yankee Atomic Power Station W/ 900312 tr. CARROLL.K., BERRY.R.L. Yankee Atomic Electric Co. 90/02/28. 6pp. 53077-240-53077-245.

#### V. Operator Examinations

9003140105 Requests listed ref mat be provided prior to scheduled reactor operator & senior reactor operator licensing exams on 900619-22. All completed license applications should be submitted at least 30 days before first exam dates. ESELGROTH.P.W. Region 1, Ofc of the Director. 90/03/02. KADAK A.C. Yankee Atomic Electric Co. 11pp. 53023-289-53023-299.

9003150281 Forwards results of generic fundamentals exam section of written operator licensing exam administered on 900207, including answer keys, grading results for facility & individual answer sheets for each exam taker. GALLO.R.M. Region 1, Ofc of the Director. 90/03/05. CLARK.C.R. Yankee Atomic Electric Co. 88pp. 53030-274-53030-361.

#### DOCKET 50-54 CINTICHEM

#### F. Security, medical, emergency & fire protection plans

9003130768 Grants 900221 request for 90-day extension to submit changes to physical security plan. MICHAELS.T.S. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 90/03/09. RUZICKA.W.G. Cintichem, Inc. 4pp. 53015-017-53015-020.

#### P. Operating license stage documents & correspondence

9002220444 Forwards order modifying Licenses R-81 & SNM-838, effective immediately. Order requires that facility remain shut down until existing leaks, resulting in release of radioactivity to onsite retention pond identified & fixed. THOMPSON.H.L. Dep. Exec. Dir. for Nuclear Safety, Safeguards & Operations Support (Post 890205). 90/02/13. MCGOVERN.J.J. Cintichem, Inc. 2pp. 52703-338-52703-344.

-9002220447 Order modifying Licenses R-81 & SNM-838, effective immediately. Facility must remain shut down until leaks at facility, resulting in release of radioactivity to onsite retention pond identified & fixed. THOMPSON.H.L. Dep. Exec. Dir. for Nuclear Safety, Safeguards & Operations Support (Post 890205). 90/02/13. Cintichem, Inc. 7pp. 52703-338-52703-344.

9002260380 Forwards order modifying license issued to licensee on 900213 for transmission to FR for publication. W/o encl. LIEBERMAN.J. Ofc of Enforcement (Post 870413). 90/02/13. LESAR.M.T. Regulatory Publications Branch. 1p. 52720-333-52720-333.

9003140050 Confirmation of Action Ltr CAL-190-05 re 900223 commitment to release no water intentionally from onsite holding pond to Indian Kill Reservoir & to eliminate leakage/seepage from holding pond to reservoir. KNAPP.M.R. Region 1, Ofc of the Director. 90/02/23. MCGOVERN.J.J. Cintichem, Inc. 3pp. 53024-141-53024-143.

9003190380 Forwards plan for locating & repairing primary coolant sys leaks, per requirements of Items A.1.a, A.1.b & A.1.c. Plan will be supplemented as investigation & repair activities progress. MCGOVERN.J.J. Cintichem, Inc. 90/03/05. THOMPSON.H.L. Office of Nuclear Material Safety & Safeguards, Director. 38pp. 53050-003-53050-039.

#### Q. Inspection reports, IE Bulletins & correspondence

9003050048 Grants 60 day extension to provide comprehensive response to six violations & three unresolved items noted in Insp Repts 90-054/89-80 & 70-0687/89. 60 Responses should be submitted by 900423. KNAPP.M.R. Region 1, Ofc of the Director. 90/02/23. MCGOVERN.J.J. Cintichem, Inc. 2pp. 52823-139-52823-141.

-9003050050 Requests extension of 90 days to respond to apparent violations & unresolved items noted in Insp Repts 90-054/89-80 & 70-0687/89-80. MCGOVERN.J.J. Cintichem, Inc. 90/02/06. KNAPP.M.R. Region 1, Ofc of the Director. 1p. 52823-141-52823-141.

#### S. Reportable occurrences, LERs & related correspondence

9003010406 PNO-I-90-014 on 900209, discovered three discharges of water made to Indian Kill Reservoir, containing f-131, i-133 & Au-198. Region 1, Ofc of the Director. 90/02/22. 3pp. 53083-182.

9003210357 PNO-I-90-014A on 900209, contents of pond released identified concentrations of f-131 & Na-24 in water. Planned prior to NRC allowing plant restart. JOYNER, KNAPP Region 1, Ofc of the Director. 90/02/22. 3pp. 53083-182.

#### DOCKET 50-62 UNIV. OF VIRGINIA RESEARCH REACTOR

#### F. Security, medical, emergency & fire protection plans

9002270209 Advises that NRC has understanding that licensee recommendations in 1987 rpt entitled, "Nonpower Reactor Submittal appropriate changes to physical security plan, per ADAMS, A. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (890602). 90/02/14. MULDER.R.U. Virginia, Univ. of, 52816-181-52816-183.

9003090381 Requests 90 day extension to submit response to changes to security plan. MULDER.R.U. Virginia, Univ. of, Charlottesville, VA. 90/02/14. Reactors, Decommissioning & Environmental Proj. 52950-079-52950-079.

9003130764 Advises that 900228 request for 60-day extension to submit changes to physical security plan granted. ADAMS, A. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (890602). 90/03/07. MULDER.R.U. Virginia, Univ. of, 53014-234-53014-236.

#### DOCKET 50-70 GENERAL ELECTRIC NUCLEAR TEST REACTOR

#### P. Operating license stage documents & correspondence

9003060158 Notification of 900223 meeting w/GE in Rockledge, FL. MARTIN.D.E. Regulatory Branch. 90/02/18. BANGART, Waste Management & Decommissioning (Post 870413). 3pp. 52709-340-52709-340.

-9003060165 Confirms telecon request re 900223 visit re decommissioning & estimated decommissioning cost methodology. DARMITZEL.R.W. General Electric Co. 90/02/08. BERNHARDT, Material Safety & Safeguards, Director. 1p. 52851-250-52851-250.

#### DOCKET 60-72 UNIV. OF UTAH RESEARCH REACTOR

#### R. Periodic operating reports & related correspondence

9002260393 "Annual Operating Rpt for 1989." W/900214 tr. SANDQUIST.G.M., GEHMLICH.D.K. Utah, Univ. of, Salt Lake City. 52726-312-52726-320.

9003060123 Forwards "Annual Operating Rpt for 1989." GEHMLICH.D.K. Utah, Univ. of, Salt Lake City. UT. 90/02/18. Ofc of the Director. 1p. 52838-177-52838-185.

#### DOCKET 50-73 GENERAL ELECTRIC NUCLEAR TEST REACTOR

#### F. Security, medical, emergency & fire protection plans

9002260087 Forwards Malf Control & Accounting Insp Rpt for 1989. 14. No violations or deviations noted. PATE.R.J. Region 5, Ofc of the Director. 90/02/16. DARMITZEL.R.W. 2pp. 52709-338-52709-340.

-9002260088 Partially withheld Malf Control & Accounting Insp Rpt for 1989. 14. No violations or deviations noted. Inspected reactors, mgt meetings & entrance & exit interviews. NELSON.G.B., NORDERHAUG.L.R., SCHUSTER.M.D. Region 5, Ofc of the Director. 1p. 52709-340-52709-340.

#### P. Operating license stage documents & correspondence

9002220488 Forwards DOE 900130 negative responses to C. ing for conversion of nuclear test reactor from highly enriched fuel, per 10CFR26.64 requirements. CUNNINGHAM.G.E. General Electric Co. 90/02/06. Document Control Desk. 2pp. 52713-328-52713-328.

9003060158 Notification of 900223 meeting w/GE in Rockledge, FL. MARTIN.D.E. Regulatory Branch. 90/02/18. BANGART, Waste Management & Decommissioning (Post 870413). 3pp. 52709-340-52709-340.

-9003060165 Confirms telecon request re 900223 visit re decommissioning & estimated decommissioning cost methodology. DARMITZEL.R.W. General Electric Co. 90/02/08. BERNHARDT, Material Safety & Safeguards, Director. 1p. 52851-250-52851-250.

## Q. Inspection reports, IE Bulletins & correspondence

**9002260087** Forwards Mail Control & Accounting Insp Rept 50-073/90-01 on 900212-14. No violations or deviations noted.  
PATE,R.J. Region 5, Ofc of the Director. 90/02/16. DARMITZEL,R.W. General Electric Co. 2pp. 52709.338-52709.340.

~**9002260088** Partially withheld Mail Control & Accounting Insp Rept 50-072/90-01 on 900212-14 (ref 10CFR2.790). No violations or deviations noted. Major areas inspected: reactors, mgt meetings & entrance & exit interviews.  
NELSON,G.B., NORDEHAUG,L.R., SCHUSTER,M.D. Region 5, Ofc of the Director. 90/02/16. 1p. 52709.340-52709.340.

## DOCKET 50-77 CATHOLIC UNIV. OF AMERICA RESEARCH REACTOR

### F. Security, medical, emergency & fire protection plans

**9003080389** Forwards Safeguards Insp Repts 50-077/90-01 & 70-0190/90-01 on 900208 & 09. No violations noted.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/02/26. FAVRET,A.G. Catholic Univ. of America, Washington, DC. 2pp. 52896.287-52896.292.

~**9003080393** Mail Control & Accounting & Physical Security Insp Repts 50-077/90-01 & 70-0190/90-01 on 900208 & 09. No noncompliances noted. Major areas inspected: physical security, including organization & operation & storage.  
RATTA,A.D., KEIMIG,R.R. Region 1, Ofc of the Director. 90/02/26. 4pp. 52896.289-52896.292.

## Q. Inspection reports, IE Bulletins & correspondence

**9003080389** Forwards Safeguards Insp Repts 50-077/90-01 & 70-0190/90-01 on 900208 & 09. No violations noted.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/02/26. FAVRET,A.G. Catholic Univ. of America, Washington, DC. 2pp. 52896.287-52896.292.

~**9003080393** Mail Control & Accounting & Physical Security Insp Repts 50-077/90-01 & 70-0190/90-01 on 900208 & 09. No noncompliances noted. Major areas inspected: physical security, including organization & operation & storage.  
RATTA,A.D., KEIMIG,R.R. Region 1, Ofc of the Director. 90/02/26. 4pp. 52896.289-52896.292.

## DOCKET 50-83 UNIV. OF FLORIDA TRAINING REACTOR

### F. Security, medical, emergency & fire protection plans

**9002260455** Advises that 900112 changes to emergency plan consistent w/ 10CFR50, App E & acceptable.  
MICHAELS,T.S. Non-Power Reactors, Decommissioning & Environmental Proj. Dir.(891001-900602). 90/02/16. VERNETSON,W. Florida, Univ. of, Gainesville, FL. 3pp. 52741.005-52741.007.

## H. General correspondence

**9003220071** Advises that JV Lombardi new permanent president of Univ of Florida effective 900305. President responsible for UFR facility license, charter & site administration.  
VERNETSON,W.G. Florida, Univ. of, Gainesville, FL. 90/03/07. Document Control Branch (Document Control Desk). 1p. 53123.036-53123.036.

## DOCKET 50-89 GENERAL ATOMIC CO.

### P. Operating license stage documents & correspondence

**9003120633** Forwards nonproprietary Rept E117-1001, "NM-1000 Software Functional Spec" & proprietary Rept E117-1002, "NM-1000 Software Verification Program." Proprietary rept withheld (ref 10CFR2.790).  
ASMUSSEN,K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 90/02/22. Document Control Branch (Document Control Desk). 4pp. 53007.044-53007.104.

~**9003120638** Partially deleted "NM-1000 Software Verification Program."  
\* General Atomics (formerly GA Technologies, Inc./General Atomic Co.). E117-1002. 89/03/31. 10pp. 53007.048-53007.057.

~**9003120641** Partially deleted "NM-1000 Software Functional Spec."  
\* General Atomics (formerly GA Technologies, Inc./General Atomic Co.). E117-1001. 89/03/31. 48pp. 53007.058-53007.105.

**9003260127** Approves 900222 request to withhold Repts E117-1001 & E117-1002 from public disclosure (ref 10CFR2.790), based on listed reasons.  
ADAMS,A. Non-Power Reactors, Decommissioning & Environmental Proj. Dir.(891001-900602). 90/03/15. ASMUSSEN,K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 4pp. 53189.105-53189.108.

### R. Periodic operating reports & related correspondence

**9003090379** Forwards "TRIGA Mark I Reactor Annual Rept.," for 1989. Sections of rept renumbered for consistency w/Section 9.6e of Tech Specs.  
ASMUSSEN,K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 90/03/01. MILLER,C.L. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 1p. 52986.253-52986.276.

## S. Reportable occurrences, LERs & related correspondence

**9003080469** PNO-V-90-008 on 900228, earthquake w/ Richter magnitude of 5.5 occurred near Upland, CA. San Onofre declared unusual event & conducted Insp Area research. Reactors shut down w/no damage resulting to facilities.  
WENSLAWSKI,F., JOHNSON,R. Region 5, Ofc of the Director. 90/03/01. 2pp. 52923.127-52923.128.

## DOCKET 50-112 UNIV. OF OKLAHOMA RESEARCH REACTOR

### P. Operating license stage documents & correspondence

**9002220613** Forwards order terminating License R-53, per univ. 891025 application & 890309 & 0828 supp. Amend 12 to Indemnity Agreement E-26, safety evaluation & environ assessment associated w/action and.  
MICHAELS,T.S. Non-Power Reactors, Decommissioning & Environmental Proj. Dir.(891001-900602). 90/02/14. SKIERKOWSKI,P. Oklahoma, Univ. of, Norman, OK. 5pp. 52718.032-52718.042.

~**9002220617** Order terminating License R-53, per 891025 application & 890309 & 0828 supp. Reactor fuel removed from core & shipped to DOE Reactor facility completely dismantled & all requirements re residual radioactivity met.  
HOLAHAN,G.M. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 90/02/14. Oklahoma, Univ. of, Norman, OK. 2pp. 52718.037-52718.038.

~**9002220622** Safety evaluation supporting order terminating License R-53.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/14. 2pp. 52718.039-52718.040.

~**9002220628** Environ assessment & finding of no significant impact supporting order terminating License R-53, per 891025 application & 890309 & 0828 supp.  
\* Non-Power Reactors, Decommissioning & Environmental Proj. Dir.(891001-900602). 90/02/01. 2pp. 52718.041-52718.042.

## DOCKET 50-113 UNIV. OF ARIZONA RESEARCH REACTOR

### F. Security, medical, emergency & fire protection plans

**9003090013** Partially withheld ltr forwarding map of univ campus, revised security plan & revised Pages 20 & 24 to emergency plan, for license renewal. Encls withheld (ref 10CFR2.790)(d).  
NELSON,G.W. Arizona, Univ. of, Tucson, AZ. 90/01/30. MICHAELS,T.S. NRC - No Detailed Affiliation Given. 2pp. 52911.001-52911.002.

**9003140275** Rev 2 to emergency plan W/900130 ltr.  
NELSON,G.W. Arizona, Univ. of, Tucson, AZ. 90/01/30. MICHAELS,T.S. NRC - No Detailed Affiliation Given. 6pp. 53018.115-53018.120.

**9003220304** Forwards Safeguards Insp Rept 50-113/90-02 on 900301-02. Violations noted but no notice issued. Rept withheld (ref 10CFR2.790).  
PATE,R.J. Region 6, Ofc of the Director. 90/03/19. SMERDON,E.T. Arizona, Univ. of, Tucson, AZ. 2pp. 53105.188-53105.199.

## Q. Inspection reports, IE Bulletins & correspondence

**9003220304** Forwards Safeguards Insp Rept 50-113/90-02 on 900301-02. Violations noted but no notice issued. Rept withheld (ref 10CFR2.790).  
PATE,R.J. Region 5, Ofc of the Director. 90/03/19. SMERDON,E.T. Arizona, Univ. of, Tucson, AZ. 2pp. 53105.188-53105.199.

## DOCKET 50-116 IOWA STATE UNIV. RESEARCH REACTOR

### P. Operating license stage documents & correspondence

**9003140382** Responds to 900202 questions re high/low enriched U conversion at facility. Multiplication factor for high enriched U calculated to be 0.41 & 0.46 for low enriched U.  
HENDRICKSON,R. Iowa State Univ., Ames, IA. 90/03/05. Document Control Branch (Document Control Desk). 3pp. 53000.266-53000.268.

**9003150317** Forwards Rev 1 to Amend 4 to SAR & Tech Specs, correcting value entries under rod worth & max reactivity input rates, in support of conversion from high to low enriched U.  
HENDRICKSON,R. Iowa State Univ., Ames, IA. 90/03/07. Document Control Branch (Document Control Desk). 1p. 53028.346-53028.360.

~**9003150323** Rev 1 to Amend 4 to SAR re rod worth, rod speed, control rods, max reactivity input rates, reactivity effects & process water.  
\* Iowa State Univ., Ames, IA. 90/02/21. 3pp. 53028.347-53028.349.

~**9003150326** Proposed Tech Specs re reactivity limits, reactivity worth of experiment, ref core condition, regulating rod, safety channel & safety-type rod.  
\* Iowa State Univ., Ames, IA. 90/02/21. 11pp. 53028.350-53028.360.

## DOCKET 50-123 UNIV. OF MISSOURI RESEARCH REACTOR-ROLLA

## H. General correspondence

9003090408 Informs that vacancy in reactor manager position filed by DW Freeman. Freeman acceptance if & resuming encl. Encls withheld  
BOLCH, A.E. Missouri, Univ. of Rolla, MO. 90/02/21. Public Document Branch. 1p. 52920:239-52920:239

## P. Operating license stage documents & correspondence

9003090199 Requests 60-day extension to respond to request for add info re conversion of reactor from high enriched to low enriched U  
BOLCH, A.E. Missouri, Univ. of Rolla, MO. 90/02/21. Public Document Branch. 1p. 52920:239-52920:239

9003200018 Approves 900221 request for 60-day extension to respond to NRC 900208 request for add info until 900509  
ADAMS, A. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900502) 90/03/09. BOLCH, A.E. Missouri, Univ. of Rolla, MO. 2pp. 53070:002-53070:003

## DOCKET 50-126 TEXAS A&M UNIV. RESEARCH REACTOR

### F. Security, medical, emergency & fire protection plans

9003080287 Forwards Insp Rept 50-126/90-01 on 900110-12. Violations noted NRC concerned re vacant position for nuclear science ctr physicist  
BEACH, A.B. Region 4, Ofc of the Director. 90/02/21. HALL, K.R. Texas A&M Univ., College Station, TX. 3pp. 52857:311-52857:328

-9003080289 Partially withheld Insp Rept 50-126/90-01 on 900110-12 (ref 10CFR12.790(d)). Violation noted re failure to test personnel on security training. Major areas inspected: organization & mgmt controls, experiments & physical security & safeguards  
MURRAY, B., RICKETSON, L., BEACH, A.B. Region 4, Ofc of the Director. 90/02/21. 1pp. 52857:314-52857:328

9003200178 Provides corrected listed info to Insp Rept 50-126/90-01, per 900227 telcon.  
BEACH, A.B. Region 4, Ofc of the Director. 90/03/08. HALL, K.R. Texas A&M Univ., College Station, TX. 2pp. 53070:233-53070:234

9003220189 Responds to violation noted in Insp Rept 50-126/90-01 on 900110-12. Corrective actions: emergency preparedness & physical security designated as next scheduled operator requalification program topic for lecture  
HALL, K.R. Texas A&M Univ., College Station, TX. 90/03/09. YANDELL, L.A. Region 4, Ofc of the Director. 4pp. 53125:327-53125:330

## P. Operating license stage documents & correspondence

9003080232 Advises that federal govt funding not available for conversion of Nuclear Science Ctr TRIGA reactor from high enriched U to low enriched U fuel during FY90. Reactor does not have further plans for conversion in 1990  
FELTZ, D.E. Texas A&M Univ., College Station, TX. 90/02/28. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52897:017-52897:017

## Q. Inspection reports, IE Bulletin & correspondence

9003080287 Forwards Insp Rept 50-126/90-01 on 900110-12. Violations noted NRC concerned re vacant position for nuclear science ctr physicist  
BEACH, A.B. Region 4, Ofc of the Director. 90/02/21. HALL, K.R. Texas A&M Univ., College Station, TX. 3pp. 52857:311-52857:328

-9003080289 Partially withheld Insp Rept 50-126/90-01 on 900110-12 (ref 10CFR12.790(d)). Violation noted re failure to test personnel on security training. Major areas inspected: organization & mgmt controls, experiments & physical security & safeguards  
MURRAY, B., RICKETSON, L., BEACH, A.B. Region 4, Ofc of the Director. 90/02/21. 1pp. 52857:314-52857:328

9003200178 Provides corrected listed info to Insp Rept 50-126/90-01, per 900227 telcon.  
BEACH, A.B. Region 4, Ofc of the Director. 90/03/08. HALL, K.R. Texas A&M Univ., College Station, TX. 2pp. 53070:233-53070:234

9003220189 Responds to violation noted in Insp Rept 50-126/90-01 on 900110-12. Corrective actions: emergency preparedness & physical security designated as next scheduled operator requalification program topic for lecture.  
HALL, K.R. Texas A&M Univ., College Station, TX. 90/03/09. YANDELL, L.A. Region 4, Ofc of the Director. 4pp. 53125:327-53125:330

## DOCKET 50-133 HUMBOLDT BAY POWER PLANT, UNIT 3

### I. Financial information

9003150333 "Pacific Gas & Electric Co. 1989 Annual Rept." W/900313 ltr.  
CLARKE, R.A., LOCKE, R.F. Pacific Gas & Electric Co. 89/12/31. 53pp. 53032:108-53032:159

## P. Operating license stage documents & correspondence

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195:014-53195:069

## Q. Inspection reports, IE Bulletin & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Control 800." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 99pp. 52776:282-5

9002230283 NRC Info Notice 90-011, "Maintenance Deficiency Associated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 89pp. 52776:163-5

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Operations." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 89pp. 52844:001-5

9002270389 NRC Info Notice 90-013, "Importance of Review & Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 99pp. 52844:100-5

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Fuel." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. Consolidated Edison Co. of New York, Inc. 88pp. 5

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of License Control Directors Before Beginning Work in Agreement." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. Consolidated Edison Co. of New York, Inc. 95pp. 5

9003010227 NRC Info Notice 90-016, "Compliance With New Design." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 52998:018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Fuel." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 100pp. 52844:199

9003020211 NRC Info Notice 90-017, "Weight & Control of Gravity." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 104pp. 52963:096

9003050043 NRC Info Notice 90-018, "Potential Problems With Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 100pp. 52963:200

9003050148 NRC Bulletin 90-001, "Loss of Fuel Oil in Transmitters." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 109pp. 52963:300

9003080213 NRC Info Notice 90-019, "Potential Loss of Effectiveness of Radwaste Incinerators." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 89pp. 52997:190-5

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Control." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 82pp. 53035:129-5

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting from Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. Consolidated Edison Co. of New York, Inc. 91pp. 5

9003160306 NRC Info Notice 90-021, "Potential Failure of Main Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 100pp. 53132:001-5

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (P). Consolidated Edison Co. of New York, Inc. 102pp. 53165:007-5

## R. Periodic operating reports & related correspondence

9003080074 "Semiannual Radioactive Effluent Release Rept. July 1989." W/03080074 ltr.  
WOMACK, L.F. Pacific Gas & Electric Co. 89/12/31. 17pp. 529

## DOCKET 50-134 WORCESTER POLYTECHNIC INSTITUTE

### V. Operator Examinations

9002270412 Advises that reactor operator licensing exams with wk of 900409. Ref matts listed on encl, should be provided by ESELGROTH, P.W. Region 1, Ofc of the Director. 90/02/13. Worcester Polytechnic Institute, Worcester, MA. 1p. 52748:115-52748:12

9003020225 Advises that TH Newton will resign from position of Polytechnic Inst Nuclear Reactor Facility as of 900301.  
ZWIEP, D.N. Worcester Polytechnic Institute, Worcester, MA. Control Branch (Document Control Desk). 1p. 52800:309-528

9003050304 Notifies NRC of termination of present security plan for reactor as of 900220. Last reactor fuel shipped offsite to Idaho Chemical Processing Plant on 900214 & less than 2 g of SNM present onsite.  
ROBKIN, M.A. Washington, Univ. of, Seattle, WA. 90/02/20. MICHAELS, T.S. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 2pp. 52825-202-52825-203.

#### Q. Inspection reports, IE Bulletins & correspondence

9003020207 Forwards Insp Rept 50-139/90-02 on 900111. No violations noted.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/02/08. BOWEN, J.R. Washington, Univ. of, Seattle, WA. 8pp. 52800-018-52800-024.

9003020212 Insp Rept 50-139/90-02 on 900111. No violations noted. Major areas inspected safe operation of facility in long term shutdown. Licensee preparations for loading & shipment of spent fuel & to review corrective actions.  
GARCIA, E.M., YUHAS, G.P. Region 5, Ofc of the Director. 90/02/08. 4pp. 52800-021-52800-024.

9003020236 Forwards Physical Security Insp Rept 50-139/90-01 on 900129-31. No violations or deviations noted.  
PATE, R.J. Region 5, Ofc of the Director. 90/02/08. BOWEN, J.R. Washington, Univ. of, Seattle, WA. 2pp. 52798-118-52798-119.

9003020239 Partially withheld Insp Rept 50-139/90-01 on 900129-31 (ref 10CFR 2.790(d)). No noncompliance noted. Major areas inspected physical protection of shipments of SNM control of low strategic significance.  
NORDERHAGEN, L.R., SCHUSTER, M.D. Region 5, Ofc of the Director. 90/02/07. 1p. 52798-118-52798-118.

#### DOCKET 50-142 UCLA TRAINING REACTOR

##### P. Operating license stage documents & correspondence

9003210311 Ack receipt of 900111 ltr informing NRC of radioactive contamination measurements performed on 22 concrete blocks donated to Widilo Waystation of San Fernando, Ca.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/03/18. MCLAUGHLIN, J.E. California, Univ. of, Los Angeles, CA. 2pp. 63112-183-63112-184.

#### DOCKET 50-146 SAXTON NUCLEAR EXPERIMENTAL FACILITY

##### P. Operating license stage documents & correspondence

9003120706 Summary of 900214 briefing by Saxton Nuclear Energy Corp re status of decontamination/release activities of outbldgs, approach to demolition of outbldgs & status of final release survey rpt. Briefing handouts encl.  
ADAMS, A. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 90/02/28. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 14pp. 52978-338-52978-349.

#### DOCKET 50-148 UNIV. OF KANSAS RESEARCH REACTOR

##### P. Operating license stage documents & correspondence

9003080404 Advises that NRC has no objection to licensee 891115 proposal to pour new concrete floor over existing reactor room floor to construct storage facility. NRC understands that decommissioning plan will be submitted by 900727.  
ADAMS, A. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 90/02/28. ROSSON, H.F. Kansas, Univ. of, Lawrence, KS. 3pp. 52923-124-52923-125.

#### DOCKET 50-160 OHIO STATE UNIV. RESEARCH REACTOR

##### P. Operating license stage documents & correspondence

9003120332 Forwards response to 891222 request for addl info re power increases, consisting of tables listing constants used in whole body dose estimates & proposed plan for determination of Ar-41 concentrations.  
REDMOND, R.F. Ohio State Univ., Columbus, OH. 90/02/28. MICHAELS, T.S. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 14pp. 52975-330-52975-343.

#### DOCKET 50-161 UNIV. OF ILLINOIS RESEARCH REACTOR

##### R. Periodic operating reports & related correspondence

9003080266 "Annual Rept for 1989." W/900228 ltr.  
POHLOD, C.S., WILLIAMS, J.G., MILEY, G.H. Illinois, Univ. of, Urbana, IL. 89/12/31. 8pp. 62950-128-62950-138.

9003090123 Rev 114, Vol 9A to EPIP-1, "Activation of Emergency Plan."  
\* Consumers Power Co. 90/02/28. 2pp. 52947-015-52947-018.

9003080272 Advises that schedule for upgrading fire barrier penetration surveillance program per LER 89-008, extended from 900301 to 900630.  
EDDY, J.D. Consumers Power Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52910-138-52910-136.

9003120263 Table of contents to GORT/emergency operations facility emergency implementing procedures.  
\* Consumers Power Co. 90/03/01. 4pp. 52973-308-52973-309.

9003130581 Corrected Rev 114, Vol 9A to EPIP-1, "Activation of Emergency Plan."  
\* Consumers Power Co. 90/03/01. 2pp. 53015-039-53015-040.

9003200348 Revised emergency implementing procedures, consisting of Rev 25 to copyholders 1st Rev 30 to Index, Rev 4 to EOF-J, "Emergency Operations Facility Administrator" & Rev 5 to EOF-10, "Property Protection Team."  
WHITE, S.K. Consumers Power Co. 90/03/08. 18pp. 53104-331-53104-348.

#### I. Financial Information

9003300147 "Consumers Power Co. 1989 Annual Rept." W/900322 ltr.  
MCNISH, T.A. Consumers Power Co. 89/12/31. 29pp. 53265-030-53265-067.

#### J. Insurance & indemnity information

9003120123 Responds to Generic Ltr 90-01 re request for voluntary participation in NRC Regulatory Impact Survey. Completed questionnaire includes info on NRC insps, required QA audits, NELIA & MAELU insps, State of MI insps & FEMA insps.  
BERRY, K.W. Consumers Power Co. 90/03/01. Document Control Branch (Document Control Desk). 28pp. 52975-302-52975-329.

##### P. Operating license stage documents & correspondence

9002270405 Forwards director's decision, 891204 ltr to A Harlowe, 891204 FR notice & NUREG-1285, "Read Rept" as followup to A Harlowe (Ecology Ctr of Southern California) request that NRC fix or close all plants designed by GE w/o oncs.  
THOMA, J.O. Project Directorate III-1. 90/01/18. BERRY, K.W. Consumers Power Co. 1p. 52756-157-52756-157.

9002220550 Forwards exemption from 10CFR50, App R, Section III.G.1.a re one train of sys necessary to maintain hot shutdown b/c of fire damage.  
PULSIFER, R.M. Project Directorate III-1. 90/02/08. BERRY, K.W. Consumers Power Co. 3pp. 52718-093-52718-102.

9002220554 Grants exemption from 10CFR50, App R, Section III.G.1.a re one train of sys necessary to achieve & maintain hot shutdown b/c of fire damage.  
ZWOLINSKI, J.A. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 90/02/08. Consumers Power Co. 7pp. 52718-098-52718-102.

9002270190 Lists suggested topics for licensee info conference per 900117 request.  
JOHNSON, B.D. Consumers Power Co. 90/02/12. GREENMAN, E.G. Region 3, Ofc of the Director. 1p. 52756-186-52756-186.

9002230134 Responds to 891221 request for addl info re Generic Ltr 89-04. Procedure written to test water supply check valve & limiting stroke time values for subj valves changed in accordance w/ Position 5 in generic ltr.  
EDDY, J.D. Consumers Power Co. 90/02/13. Document Control Branch (Document Control Desk). 1p. 52716-065-52716-065.

9003160050 Responds to Generic Ltr 89-11, "BWR Reactor Water Level Redundancy," providing resolution to Generic Issue 101 & NUREG/CR-5112. Breaks in vessel level instrumentation have no effect on feedwater operation.  
EDDY, J.D. Consumers Power Co. 90/02/14. Document Control Branch (Document Control Desk). 6pp. 53060-100-53060-104.

9003060006 Forwards response to 891121 request for addl info re 900220 response to Generic Ltr 88-14, "Instrument Air Supply Problems Affecting Safety-Related Equipment."  
EDDY, J.D. Consumers Power Co. 90/02/26. Document Control Branch (Document Control Desk). 6pp. 52851-269-52851-273.

9003060010 Responds to 891120 request for addl info re Generic Ltr 83-28, "Required Actions Based on Generic Implications of Salem ATWS Events." Info provided adequately meets intent of review criteria of generic ltr.  
EDDY, J.D. Consumers Power Co. 90/02/26. Document Control Branch (Document Control Desk). 18pp. 52852-039-52852-054.

9003080085 Responds to questions re integrated plan issue closeout. Request involved status of Item BN-025, "Wind & Tornado Load & Tornado Missile," SEP Topic III-2 & III-4A & criteria for considering integrated plan issue complete.  
EDDY, J.D. Consumers Power Co. 90/02/27. Document Control Branch (Document Control Desk). 2pp. 52923-095-52923-096.

9003120123 Responds to Generic Ltr 90-01 re request for voluntary participation in NRC Regulatory Impact Survey. Completed questionnaire includes info on NRC insps required QA audits, NELIA & MAELU insps, State of MI insps & FEMA insps. BERRY, K.W. Consumers Power Co. 90/03/01. Document Control Branch (Document Control Desk) 28pp. 52975-302-52975-329.

9003130449 Accepts w/ 900129 response as fulfilling requirement of Generic Ltr 89-13, "Safety-Related Valve Problems Affecting Safety-Related Equipment." SMCANTON, O.A. Project Directorate III-1. 90/03/02. BERRY, K.W. Consumers Power Co. 3pp. 52931-355-52991-357.

9003140311 Advises that licensee 831220 response to Generic Ltr 89-10, "Safety-Related Motor Operated Valve Testing & Surveillance" confirmed compliance w/ scheduled recommendations in its action on generic ltr complete. SMCANTON, O.A. Project Directorate III-1. 90/03/06. BERRY, K.W. Consumers Power Co. 3pp. 53030-104-53030-106.

9003200030 Forwards NRC understanding of current status of all unimplemented USIs for 12-1 per 831013 Generic Ltr 89-21. SMCANTON, O.A. Project Directorate III-1. 90/03/14. BERRY, K.W. Consumers Power Co. 4pp. 53063-261-53063-264.

9003210155 Discusses status of licensee response to Generic Ltr 89-04, "Guidance on Developing Acceptable Insence Testing Program." Two proposed changes reflected procedure development & implementation. SMCANTON, O.A. Project Directorate III-1. 90/03/15. SULLIVAN, E.J. Mechanical Engineering Branch. 1p. 53132-169-53132-169.

9003260335 Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A.47." Ltr concurs w/ conclusions of NUREG-1218 that implementation of overfill protection at plant not warranted. BERRY, K.W. Consumers Power Co. 90/03/19. Document Control Branch (Document Control Desk) 9pp. 53189-096-53189-104.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 89-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002270190 Lists suggested topics for licensee info conference per 900117 request. JOHNSON, B.D. Consumers Power Co. 90/02/12. GREENMAN, E.G. Region 3, Ofc of the Director. 1p. 52756-166-52756-166.

9002280252 Forwards Safety Insp Rept 50-155/90-03 on 900130-0202 No violations noted. GREGER, L.R. Region 3, Ofc of the Director. 90/02/16. HOFFMAN, D.P. Consumers Power Co. 2pp. 52760-162-52760-171.

9002280258 Insp Rept 50-155/90-03 on 900130-0202 No violations noted. Major areas inspected: radiation protection & radwaste programs, including changes in state audits & appraisals & external & internal exposure control & assessment. MILLER, D.E., KUCOWSKI, M.A., SCHUMACHER, M.C. Region 3, Ofc of the Director. 90/02/13. 8pp. 52760-164-52760-171.

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776-262-52776-360.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated w/ Solenoid-Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844-099.

9003120123 Responds to Generic Ltr 90-01 re request for voluntary participation in NRC Regulatory Impact Survey. Completed questionnaire includes info on NRC insps required QA audits, NELIA & MAELU insps, State of MI insps & FEMA insps. BERRY, K.W. Consumers Power Co. 90/03/01. Document Control Branch (Document Control Desk) 28pp. 52975-302-52975-329.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Events Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-198.

9002280041 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52997-095-52997-168.

9003010227 NRC Info Notice 90-016, "Compliance w/ New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52987-288-52988-018.

9003010293 Suppl 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-189-52844-288.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-096-52963-199.

9003050043 NRC Info Notice 90-018, "Potential Problems w/ Crossover Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52903-200-52903-300.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52903-300-52903-400.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Ventilation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 08pp. 52907-190-52907-190.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Causes Bow." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 08pp. 53035-129-53035-129.

9003160224 NRC Info Notice 90-020, "Personal Injuries Resulting from Radiation Incidents." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 91pp. 53188-001-53188-001.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor Valves to Operate Because Valve Seat Friction Was Underestimated." ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-001.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activation of Power to Rosemount Transmitter Test Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp. 53185-007-53185-007.

#### R. Periodic operating reports & related correspondence

9001060286 "Semiannual Radioactive Effluent Release and Waste Disposal." W/900228 ltr. EDDY, J.D. Consumers Power Co. 90/12/31. 12pp. 52840-088-52840-088.

9003080179 "1989 Annual Rept Occupational Exposure." W/900228 ltr. JOHNSON, B.D. Consumers Power Co. 90/12/31. 4pp. 53047-056-53047-056.

9003080146 Provides semiannual Update 12 to plant integrated plant all issues & open items issues added also listed. EDDY, J.D. Consumers Power Co. 90/02/27. Document Control Branch (Document Control Desk) 18pp. 52944-265-52944-262.

9003090001 Monthly operating report for Feb 1990 for Big Rock Point. JOHNSON, J.R., BECKMAN, W.L. Consumers Power Co. 90/02/27. 52946-022.

#### S. Reportable occurrences, LERs & related correspondence

9003080272 Advises that schedule for upgrading fire barrier program per LER 89-008, extended from 000301 to 000310. EDDY, J.D. Consumers Power Co. 90/03/01. Document Control Branch (Document Control Desk) 1p. 52810-136-52810-136.

#### V. Operator Examinations

9003160149 Summary of 900227 meeting w/ utility licensees & mutual plant per 10CFR55.45(b). List of attendees & licensee presentation. SMCANTON, O.A. Project Directorate III-1. 90/03/08. Project Directorate III-1. 53049-051-53049-110.

#### DOCKET 50-157 CORNELL UNIV. RESEARCH REACTOR

#### V. Operator Examinations

9002260579 Requests that licensee furnish encl list of ref matter concerning exams scheduled for wk of 900521. ESELGROTH, P.W. Region 1, Ofc of the Director. 90/02/14. 5pp. 52720-105-52720-116.

#### DOCKET 50-160 GEORGIA INSTITUTE OF TECHNOLOGY RESEARCH REACTOR

#### F. Security, medical, emergency & fire protection plans

9003080075 Ack receipt of 900208 supplemental response to v. Rept 50-160/89-05. NRC does not fully concur w/ utility meeting. Meeting summary withheld (ref 10CFR2.790(d) & 73.21). CLINE, W.E. Region 2, Ofc of the Director. 90/02/28. KARAM, R.A. Georgia Institute of Technology, Atlanta, GA. 2pp. 52893-110-52893-111.

9003080320 Forwards proposed rev to physical security plan (10CFR2.790). KARAM, R.A. Georgia Institute of Technology, Atlanta, GA. 90/03/07. Document Control Branch (Document Control Desk). 1p. 52838-360-52838-360.

9003080446 Forwards proposed changes to "Georgia Tech Research Security Plan." Changes withheld (ref 10CFR2.790). KARAM, R.A. Georgia Institute of Technology, Atlanta, GA. 90/03/07. Power Reactors, Decommissioning & Environmental Proj. Directorate III-1. 52894-034-52894-034.

9003060270 Forwards info re physical security plan from winning bid (ref 90CFR2790).  
KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 90/03/01. MCKNIGHT,J.  
Document Control Branch (Document Control Desk). 1p. 52835.248-52835.248.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260321 Forwards Insp Rept 50-160/90-01 on 900116-19 No violations or deviations noted.  
CLINE,W.E. Region 2, Ofc of the Director. 90/02/05. KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 2pp. 52738.273-52738.285

9002260326 Insp Rept 50-160/90-01 on 900116-19 No violations or deviations noted. Major areas inspected onsite review of radiation protection program activities including radiation control activities, transportation & NRC info notices.  
BASSETT,C.H., MCALPINE,E.J. Region 2, Ofc of the Director. 90/02/05. 11pp. 52738.275-52738.285

9003080075 Ack receipt of 900209 supplemental response to violations noted in Insp Rept 50-160/89-05. NRC does not fully concur w/ univ summary of 900102 meeting. Meeting summary withheld (ref 10CFR2790(d) & 73.21).  
CLINE,W.E. Region 2, Ofc of the Director. 90/02/26. KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 2pp. 52693.110-52693.111.

9003090285 Forwards Exam Rept 50-160/OL-90-01 administered on 900123-24.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/26. KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 1p. 52954.272-52954.335

9003090270 Exam Rept 50-160/OL-90-01 on 900123-24 Exam results reactor operator failed exam & senior reactor operator passed exam.  
BALDWIN,R.S., CASTO,C.A. Region 2, Ofc of the Director. 90/02/26. 58pp. 52954.273-52954.328.

9003090301 Comments on three questions from 900123 senior reactor operator & reactor operator written exams.  
KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 90/01/26. Region 2, Ofc of the Director. 7pp. 52954.329-52954.335

#### V. Operator Examinations

9003090285 Forwards Exam Rept 50-160/OL-90-01 administered on 900123-24.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/26. KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 1p. 52954.272-52954.335.

9003090270 Exam Rept 50-160/OL-90-01 on 900123-24 Exam results reactor operator failed exam & senior reactor operator passed exam.  
BALDWIN,R.S., CASTO,C.A. Region 2, Ofc of the Director. 90/02/26. 58pp. 52954.273-52954.328.

9003090301 Comments on three questions from 900123 senior reactor operator & reactor operator written exams.  
KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 90/01/26. Region 2, Ofc of the Director. 7pp. 52954.329-52954.335.

#### DOCKET 50-163 GA TECHNOLOGIES

##### P. Operating license stage documents & correspondence

9003060249 Adv.sos that vendor has no plans to proceed w/conversion from high enriched to low enriched U at reactor in FY90 due to lack of funding.  
ASMUSSEN,K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.) 90/02/19 Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52851.152-52851.153.

##### R. Periodic operating reports & related correspondence

9003090295 Forwards "TRI-GA Mark F Reactor Annual Rept for Feb 1989." Sections of rept numbered for consistency w/ Tech Spec Section 9.8(g).  
ASMUSSEN,K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.) 90/03/01. MILLER,C.L. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52950.057-52950.078.

9003090297 "TRI-GA Mark F Annual Rept for 1989."  
General Atomics (formerly GA Technologies, Inc./General Atomic Co.). 89/12/31. 18pp. 52950.058-52950.078.

##### S. Reportable occurrences, LERs & related correspondence

9003080489 PNO-V-90-008 on 900228, earthquake w/Richter magnitude of 5.5 occurred near Upland, CA. San Onofre declared unusual event & conducted insp. Area research reactors shut down w/no damage resulting to facilities.  
WENSLAWSKI,F., JOHNSON,P. Region 5, Ofc of the Director. 90/03/01. 2pp. 52923.127-52923.128.

#### DOCKET 50-170 ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE

##### S. Reportable occurrences, LERs & related correspondence

9002270218 RO on 900126, discovered that reactor room sealing dampers did not fully seal when in closed position during insp of ventilation sys. Dampers repaired & returned to svc on 900126.  
MOORE,M., IRVING,G.W. Defense, Dept. of, Defense Nuclear Agency. 90/02/07. KAUFMAN,P. Region 1, Ofc of the Director. 7pp. 52769.273-52769.278.

9002270243 Forwards LERs for consideration per 10CFR50.73.  
IRVING,G.W. Armed Forces Radiobiological Research Institute. 90/02/22. Document Control Branch (Document Control Desk). 1p. 52768.339-52768.349.

9003060270 Forwards info re physical security plan from winning bid (ref 90CFR2790).  
KARAM,R.A. Georgia Institute of Technology, Atlanta, GA. 90/03/01. MCKNIGHT,J.  
Document Control Branch (Document Control Desk). 1p. 52835.248-52835.248.

9003080212 RO on 881011, reactor operator left console unlocked while tracing electrical circuit. Discovered by another operator who locked console & removed key. Two corrective actions were taken to prevent recurrence. Operator counseled.  
MOORE,M. Armed Forces Radiobiological Research Institute. 88/11/08. NRC - No Delayed Affiliation Given. 1p. 52758.345-52758.346.

9003080216 RO on 880229, reactor room primary continuous air monitor accidentally left in TEST mode during operations. Two sets of corrective actions taken to prevent recurrence including flashing visual light installed on console in control room.  
IRVING,G.W. Armed Forces Radiobiological Research Institute. 88/03/23. NRC - No Delayed Affiliation Given. 3pp. 52758.347-52758.349.

#### DOCKET 50-171 PEACH BOTTOM ATOMIC POWER STATION, UNIT 1

##### H. General correspondence

9003120188 Informs of address change for correspondence control desk to reflect move of nuclear group to Chesterbrook.  
HUNGER,G.A. Philadelphia Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52974.193-52974.194.

##### P. Operating license stage documents & correspondence

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-conel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776.262-52776.360.

9002230283 NRC Info Notice 90-011, "Main Drainage Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52770.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.099.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 98pp. 52844.100-52844.188.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997.095-52997.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52997.288-52998.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52944.199-52944.288.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.006-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.289.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil In Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52964.048.

9003080213 NRC Info Notice 90-018, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.



9003130012 NRC Info Notice 90-022, "Loss of Thermal Margin Caused by Channel Box Blow," Svc list encl  
ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/20  
Consolidated Edison Co. of New York, Inc. 58pp 53035 129-53035 226

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Pressure Inverters," Svc list encl  
ROSSICE Division of Industrial & Medical Nuclear Safety (Post 870729)  
Consolidated Edison Co. of New York, Inc. 91pp 53166 057-53166 147

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valve to Operate Because Valve Seat Friction Was Underestimated," Svc list encl  
ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Unit," Svc list encl  
ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108

## DOCKET 50-183 VALLECITOS EXPERIMENTAL SUPERHEAT REACTOR

### P. Operating license stage documents & correspondence

9003060158 Notification of 900223 meeting w/GE in Rockville, MD to discuss decommissioning at Vallecitos  
MARTINDOE Regulatory Branch 90/02/16. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 3pp 52851 247-52851 250

9003060165 Confirms telecon request re 900223 visit re decommissioning funding requirements & estimated decommissioning cost methodology.  
DARNITZEL, R.W. General Electric Co. 90/02/08. BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director 1p 52851 250-52851 250

## DOCKET 50-184 NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY REACTOR

### F. Security, medical, emergency & fire protection plans

9002260481 Forwards Insp Rept 50-184/90-01 on 900109-10 No violations noted.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/13. ROWE, J.M. National Institute of Standards & Technology (formerly National Bureau of Standards) 2pp. 52739 243-52739 243

9002260471 Insp Rept 50-184/90-01 on 900109-10 No violations noted. Major areas inspected previously identified items, changes to emergency preparedness program, emergency facilities & equipment, notifications & communications, training & drills.  
GORDON, C.Z., LAZARUS, W.J. Region 1, Ofc of the Director. 90/02/12. 5pp. 52739 245-52739 249

9002260391 Advises that 891113 changes to emergency plan consistent w/ 10CFR50 App E & acceptable.  
MICHAELS, T.S. Non-Power Reactors, Decommissioning & Environmental Proj. Dir (931901-900602) 90/02/14. ROWE, J.M. National Institute of Standards & Technology (formerly National Bureau of Standards) 3pp. 52725 306-52725 308

9003120067 Forwards addendum to physical security plan per 900128 request.  
ROWE, J.M. National Institute of Standards & Technology (formerly National Bureau of Standards) 90/03/02. Document Control Branch (Document Control Desk) 1p. 53007 122-53007 122

9003120071 Forwards proposed Addendum I to physical security plan for approval. Addendum upgrades plan per recommendations contained in 1987 "Non-power Reactor Sabotage Study (U)" W/o encl.  
ROWE, J.M. National Institute of Standards & Technology (formerly National Bureau of Standards) 90/03/02. Document Control Branch (Document Control Desk) 1p. 53007 123-53007 123

### Q. Inspection reports, IE Bulletins & correspondence

9002260481 Forwards Insp Rept 50-184/90-01 on 900109-10 No violations noted.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/13. ROWE, J.M. National Institute of Standards & Technology (formerly National Bureau of Standards) 2pp. 52739 243-52739 243

9002260471 Insp Rept 50-184/90-01 on 900109-10 No violations noted. Major areas inspected previously identified items, changes to emergency preparedness program, emergency facilities & equipment, notifications & communications, training & drills.  
GORDON, C.Z., LAZARUS, W.J. Region 1, Ofc of the Director. 90/02/12. 5pp. 52739 245-52739 249

## DOCKET 50-186 UNIV. OF MISSOURI RESEARCH REACTOR-COLUMBIA

### F. Security, medical, emergency & fire protection plans

9003270038 Forwards info re physical security plan info withheld (ref. 10CFR73.21(b)).  
MEYER, W.A. Missouri, Univ. of Columbia, MO. 90/03/18. CARLSON, D. Document Control Branch (Document Control Desk) 1p. 53182 005-53182 005

### P. Operating license stage documents & correspondence

9003030146 Responds to 900125 request for addl info re evaluation of 891226 application for license amend. Licensee unable to define absolute date at which operation of reactor would require termination re existing license possession limits.  
MEYER, W.A., MCKIBBEN, J.C. Missouri, Univ. of Columbia, MO. 90/02/23. Office of Nuclear Reactor Regulation, Director (Post 870411) 6pp. 52800 355-52800 360

### Q. Inspection reports, IE Bulletins & correspondence

9003150045 Forwards Exam Rept 50-186/OL-90-01 administered by WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/28. MCKIBBEN, J.C. Columbia, MO. 2pp. 53028 088-53028 082

9003150049 Exam Rept 50-186/OL-90-01 on 900212 Exam results. Operator candidate failed written exam.  
SHEMBARGER, K., JORDAN, M.J. Region 3, Ofc of the Director. 53028 070-53028 082

### V. Operator Examinations

9003150045 Forwards Exam Rept 50-186/OL-90-01 administered by WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/28. MCKIBBEN, J.C. Columbia, MO. 2pp. 53028 088-53028 082

9003150049 Exam Rept 50-186/OL-90-01 on 900212 Exam results. Operator candidate failed written exam.  
SHEMBARGER, K., JORDAN, M.J. Region 3, Ofc of the Director. 53028 070-53028 082

## DOCKET 50-189 MANHATTAN COLLEGE RESEARCH REACTOR

### P. Operating license stage documents & correspondence

9002260096 Details responses in 900124 telecon with Carter re "Experiments for Reactor Power Level Determination" sent to N. BERLIN, R.E. Minnesota State Univ., Mankato, MN. 90/02/13. Manhattan College Reactor Projects - III, IV, V & Special Projects (Post 870413) 1p

9003190287 Forwards order modifying License H-94 to convert from enriched U fuel, Amended B to license & safety evaluation.  
MICHAELS, T.S. Non-Power Reactors, Decommissioning & Dr. (881001-900302) 90/03/12. BERNIERI, J.E. Manhattan College 53067 331-53067 358

9003190282 Order modifying License H-94, converting from high level fuel.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director 12. Manhattan College, Rivedale, NY 7pp. 53067 334-53067 334

9003190283 Amend B to License H-94, converting from high level fuel.  
Office of Nuclear Reactor Regulation, Director (Post 870413) 53067 341-53067 348

9003190297 Safety evaluation supporting conversion order to convert enriched U fuel for License H-94.  
Office of Nuclear Reactor Regulation, Director (Post 870413) 53067 348-53067 358

## DOCKET 50-206 SAN ONOFRE NUCLEAR STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

9003020237 Rev 3.1 to plant emergency plan.  
RAY, H.B. Southern California Edison Co. 90/02/12. 55pp. 52710 043-52710 043

9003020109 Rev 3.1 to "San Onofre Nuclear Generating Station."  
RAY, H.B. Southern California Edison Co. 90/02/15. 64pp. 52710 043-52710 043

9003010483 Forwards Rev B to safeguards contingency plan for actual drill performance confirming adequacy & applicability of contingency plan for defense against surface vehicle bomb. How with.  
MORGAN, H.E. Southern California Edison Co. 90/02/22. 1p. (Document Control Desk) 1p. 52781 043-52781 043

9003020253 Forwards response to NRC 900130 ltr re violations 206/80-03, 50-381/80-03 & 50-362/00-03 Encl withheld (ref. 10CFR73.21(b)).  
RAY, H.B. Southern California Edison Co. 90/03/01. Document Control Desk) 1p. 52788 272-52788 272

9003260331 Advises that 891113 Rev 3 to physical security plan of 10CFR50.54(p) & 10CFR50 App E & acceptable.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/03/10. RAY, H.B. Edison Co. 1p. 53149 201-53149 201

### K. Utility Final Safety Analysis Report (FSAR) & amendments

9003020011 Rev 1 to "Updated FSAR for San Onofre Nuclear Generating Station."  
RAY, H.B. Southern California Edison Co. 90/02/28. 1,400pp

### Q. Advisory Committee on Reactor Safeguards reports & correspondence

9002280070 Submits summary of actions discussed at ACRS 1989, including reports & ltrs, other actions, agreements, assignments, agenda.  
REMICK, F.J. ACRS - Advisory Committee on Reactor Safeguards, Commissioners. 2pp. 52778 010-52778 011

**P. Operating license stage documents & correspondence**

**90031010208** Summarizes application of NSAC/125 guidance to temporary change implemented upon identification of auxiliary feedwater flow condition & informs of plans for submittal of permanent change request.  
RAY,H.B. Southern California Edison Co. 90/02/02 TRAMMELL,C.M. NRC - No Detailed Attention Given. 5pp. 52815-241-52815-245.

**9003050007** Submits followup to oral request to C Caldwell for temporary relief from Tech Spec 3.4.3, "Auxiliary Feedwater Sys.," in order to maintain Unit 1 in Mode 3 to continue repairs on steam driven auxiliary feedwater pump.  
MORGAN,H.E. Southern California Edison Co. 90/02/09 MARTIN,J.B. Region 5, Ofc of the Director. 2pp. 52836-254-52836-255.

**9002220423** Advises that add'l time necessary to respond to 891031 request for add'l info on Amend Application 181 re reactor protection sys instrumentation per SEP Topic VI-10 A info re instrument setpoint drift w/ll be provided by 900420.  
ROSENBLUM,R.M. Southern California Edison Co. 90/02/12 Document Control Branch (Document Control Desk). 2pp. 52705-307-52705-308.

**9003010198** Expresses appreciation for info submitted on 900119 re results of review of util request for revised install on date for reactor vessel water level instrument at facility.  
GEISMAR,B. Affiliation Not Assigned. 90/02/17. TRAYMELL,C.M. Project Directorate V. 1p. 52815-359-52815-359.

**9002270485** Advises of intent to submit add'l info re Unit 1 tornado mods per conversation w/CM Trammell per SEP Topics III-2 & III-4 A Analyses demonstrating that tornado mods not required will be provided for review & approval by 900430.  
NANDY,F.R. Southern California Edison Co. 90/02/21. Document Control Branch (Document Control Desk). 1p. 52749-339-52749-339.

**9002280066** Responds to NRC 891121 safety evaluation of TDI diesel crankshaft oil hole cracking problem at plant & advises that diesel generator testing & analysis underway to provide technical justification for increasing 50 start-stop limit.  
NANDY,F.R. Southern California Edison Co. 90/02/21. Document Control Branch (Document Control Desk). 2pp. 52779-216-52779-217.

**9003020205** Forwards safety evaluation of 850419 & 860121 submittals containing justification for leaving 6-inch containment isolation valves open continuously per Generic Item B-24. Action unacceptable & opening of valves should be limited.  
TATUM,J.E. Project Directorate V. 90/02/22 RAY,H.B. Southern California Edison Co. 4pp. 52836-181-52836-186.

**9003020206** Safety evaluation concluding that licensee has not provided sufficient justification for leaving containment vented during plant operation. Amount of time for leaving 6-inch containment vent valves open should be limited.  
\* Ofc of Nuclear Reactor Regulation, Director (Post 870411). 90/02/22. 2pp. 52836-185-52836-186.

**9002280265** Advises that 000126 response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment, acceptable.  
TATUM,J.E. Project Directorate V. 90/02/23. RAY,H.B. Southern California Edison Co. 3pp. 52778-014-52778-016.

**9003090061** Ack receipt of 900131 ltr providing further response to NRC 891208 ltr re radiation protection program.  
SCARANO,R.A. Region 5, Ofc of the Director. 90/02/23. RAY,H.B. Southern California Edison Co. 1p. 52907-041-52907-044.

**9003090066** Provides comments re potential declining trend in radiation protection program. Personnel dosimetry segment of program examined to ensure using state of art methodology.  
RAY,H.B. Southern California Edison Co. 90/01/31. SCARANO,R.A. Region 5, Ofc of the Director. 3pp. 52867-042-52867-044.

**9003130004** Provides supplemental schedule info re installation of automatic vent sys for boric acid sys to minimize gas binding. Add'l work to re-size flow orifices in sys scheduled for completion during Cycle XI relieving.  
NANDY,F.R. Southern California Edison Co. 90/03/05. Document Control Branch (Document Control Desk). 1p. 52995-038-52995-038.

**9003130178** Forwards Amend Application 176 to Licensee DPR-13, consisting of Proposed Tech Spec Change 216, correcting minor typos in Tech Specs & revising Section 6.4.1 to reflect issuance of 10CFR55 encompassing requirements for operator training.  
RAY,H.B. Southern California Edison Co. 90/03/06. Document Control Branch (Document Control Desk). 1p. 52995-112-52995-162.

**9003130185** Amend Application 176, consisting of Proposed Change 216, revising Tech Specs to correct discovered errors & oversights & Section 6.4.1 to reflect issuance of 10CFR55. Certificate of Svc encl.  
\* Southern California Edison Co. 90/03/06. 8pp. 52995-113-52995-121.

**9003130402** Proposed Tech Specs, correcting discovered errors & revising Section 6.4.1 re operator training.  
\* Southern California Edison Co. 90/03/06. 41pp. 52995-122-52995-162.

**9003180021** Responds to 900126 ltr re HJ Lander allegation of termination from position as staff physician due to raising concerns on adequacy of substance abuse program. Enforcement action will not be taken at present time.  
MARTIN,J.B. Region 5, Ofc of the Director. 90/03/09. RAY,H.B. Southern California Edison Co. 2pp. 53042-224-53042-228.

**9003200364** Ack receipt of 891103 response to Generic Ltr 88-20 re individual plant exams (IPE). IPE approach, methodology & schedule acceptable. Current projections for submitting IPE results for each unit requested.  
TATUM,J.E. Project Directorate V. 90/03/12. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. 4pp. 53071-247-53071-250.

**9003190291** Forwards request for add'l info to continue review of responses to Generic Ltr 88-11 re compliance w/10CFR50, App G, "Fracture Toughness."  
TATUM,J.E. Project Directorate V. 90/03/13. RAY,H.B. Southern California Edison Co. 4pp. 53050-308-53050-312.

**9003230128** Provides revised final acceptance criteria for reactor vessel thermal shield monitoring program.  
NANDY,F.R. Southern California Edison Co. 90/03/19. Document Control Branch (Document Control Desk). 19pp. 53147-026-53147-045.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-069.

**Q. Inspection reports, IE Bulletins & correspondence**

**9002260551** Forwards Insp Repts 50-206/90-05, 50-361/90-05 & 50-362/90-05 on 900108-12. No violations noted.  
YUHAS,G.P. Region 5, Ofc of the Director. 90/02/01. RAY,H.B. Southern California Edison Co. 2pp. 52753-324-52753-333.

**9002260553** Insp Repts 50-206/90-05, 50-361/90-05 & 50-362/90-05 on 900108-12. No violations noted. Major areas inspected followup of open items, events & items of non-compliance & tours of facility.  
CICOTTE,G.R. WENSLAWSKI,F.A. Region 5, Ofc of the Director. 90/02/01. 8pp. 52753-328-52753-333.

**9002260578** Forwards Insp Repts 50-206/89-33, 50-361/89-33 & 50-362/89-33 on 891119, 900106 & notice of violation.  
CHAFFEE,A.E. Region 5, Ofc of the Director. 90/02/05. RAY,H.B. Southern California Edison Co. 3pp. 52726-018-52726-041.

**9002260581** Notice of violation from Insp on 891119-900106. Violation noted reactor operators & health physics staff assigned 12 h daily from 890904-1119 & one physics technician worked 76 h in 7-day period w/o proper authorization.  
CHAFFEE,A.E. Region 5, Ofc of the Director. 90/02/05. 2pp. 52726-021-52726-022.

**9002260582** Insp Repts 50-206/89-33, 50-361/89-33 & 50-362/89-33 on 891119-900106. Violations noted. Major areas inspected routine resident Insp of Units 1, 2 & 3 operation program including operational safety verification & radiological protection.  
JOHNSON,P.H. Region 5, Ofc of the Director. 90/02/05. 18pp. 52726-023-52726-041.

**9003080478** Forwards Insp Repts 50-206/90-01, 50-361/90-01 & 50-362/90-01 on 900102-19 & notice of deviation. Deviation emphasizes NRC concern that util failed to notify NRC of inability to meet 891115 commitment to resolve inservice testing of pumps.  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/02/18. RAY,H.B. Southern California Edison Co. 3pp. 52858-091-52858-118.

**9003080479** Notice of deviation from Insp on 900102-19. Deviation noted as of 900110, final post on document to confirm that inservice testing operability limits for safety-related pumps bounded by latest safety analysis not issued.  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/02/18. 1p. 52858-094-52858-094.

**9003080481** Insp Repts 50-206/90-01, 50-361/90-01 & 50-362/90-01 on 900102-19. Deviation noted. Major areas inspected. Licensee action on Inspector identified items.  
HUEY,F.R. Region 5, Ofc of the Director. 90/02/16. 24pp. 52850-095-52858-118.

**9003120204** Responds to NRC 891226 ltr re concerns noted in Insp Rept 50-206/89-31 re licensee program for handling corrective actions. Equipment included on control of problem equipment program list & action taken.  
RAY,H.B. Southern California Edison Co. 90/02/20. ZIMMERMAN,R. Region 5, Ofc of the Director. 5pp. 52971-340-52971-344.

**9003020217** Informs that util 900131 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," acceptable.  
TATUM,J.E. Project Directorate V. 90/02/22. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. 4pp. 52836-233-52836-236.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776-282-52776-368.

**9002230283** NRC Info Notice 90-011, "Mainstem Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-281.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 90pp. 52844-001-52844-099.

**9003020253** Forwards response to NRC 900130 ltr re violations noted in Insp Repts 50-206/90-03, 50-361/90-03 & 50-362/90-03. Encl with ref (ref 10CFR73.21).  
RAY,H.B. Southern California Edison Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52780-272-52780-272.

**9003080351** Ack receipt of 900125 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-206/89-31.  
RICHARDS,S.A. Region 5, Ofc of the Director. 90/03/01. RAY,H.B. Southern California Edison Co. 1p. 52859-036-52859-043.

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844-100-52844-198.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mail." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 89pp. 52997-001-52997-084.

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement Stain Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-085-52997-189.

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52897:288-52998:018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844:199-52844:299.

9003150088 Ack receipt of 900301 ltr informing NRC of steps taken to correct violations noted in 900130 ltr & notice of violation re Insp Repts 50-206/80, 50-361/90-03 & 50-362/90-03.  
PATE, R.J. Region 5, Oic of the Director. 90/03/07. RAY, H.B. Southern California Edison Co. 1p. 53025:125-53025:125.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963:098-52963:199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator A1 Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52553:200-52553:293.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963:300-52963:048.

9003100366 Forwards supplemental response to NRC Bulletin 88-010, Suppl 1, "Non-conforming Modified Case Circuit Breakers." Circuit breakers traceable to original plant const order received prior to Aug 1983 & acceptable.  
NANDY, F.R. Southern California Edison Co. 90/03/12. Document Control Branch (Document Control Desk). 15pp. 53025:183-53025:210.

9003100295 Discusses until 900131 response to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Protected ...". Review of all safety related check valves requested within 90 days.  
TATUM, J.E. Project Directorate V. 90/03/12. RAY, H.B. Southern California Edison Co. 3pp. 53050:357-53050:359.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Reprecipitation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997:180-52997:287.

9003230099 Requests addl time to respond to NRC Bulletin 88-004, "Potential Safety-Related Pump Loss." Addl info will be provided by approx 900413.  
NANDY, F.R. Southern California Edison Co. 90/03/19. Document Control Branch (Document Control Desk). 1p. 63139:163-63139:163.

9003230104 Responds to NRC 900216 ltr re notice of deviation from Insp of plant Corrective actions revised instructions established to track NRC commitments now require approval of cognizant functional div manager.  
RAY, H.B. Southern California Edison Co. 90/03/19. Document Control Branch (Document Control Desk). 4pp. 63139:152-63139:155.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035:129-53035:226.

9003160224 NRC Info Notice 90-020, "Personal Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUMMINGS, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 81pp. 53165:057-53165:147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132:001-53132:100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165:007-53165:103.

#### R. Periodic operating reports & related correspondence

9003080158 "Annual Personnel Monitoring Rept 1989." W/900228 ltr.  
MORGAN, H.E. Southern California Edison Co. 89/12/31. 3pp. 52897:067-52897:069.

9002220654 Monthly operating rept for Jan 1990 for San Onofre Unit 1. W/900213 ltr.  
SIACOR, E.R., NANDY, F.R. Southern California Edison Co. 90/01/31. 7pp. 52718:043-52718:049.

9003090134 Submits "RCS Specific Activity Rept for 1989." Rept provides info re periods of time when RCS specific activity exceeded limits of Tech Spec 3.1.1 for Unit 1 & Tech Spec 3.4.7 for Units 2 & 3.  
NANDY, F.R. Southern California Edison Co. 90/02/23. Document Control Branch (Document Control Desk). 5pp. 52968:073-52968:077.

9003080386 Forwards "San Onofre Nuclear Generating Station Semiannual Effluent Rept, Jul-Dec 1989." No changes made to Unit 1 ODCM or radwaste treatment sys during reporting period.  
NANDY, F.R. Southern California Edison Co. 90/02/27. Document Control Branch (Document Control Desk). 1p. 52898:061-52898:178.

-9003080387 "San Onofre Nuclear Generating Station Semiannual Effluent Rept, Jul-Dec 1989."  
Southern California Edison Co. 89/12/31. 115pp. 52898:062-52898:176.

9003200124 Monthly operating rept for Feb 1990 for San Onofre Unit 1. W/900313 ltr.  
SIACOR, E.R., NANDY, F.R. Southern California Edison Co. 53078:142.

9003080353 Provides semiannual fitness-for-duty program 10CFR28.17(d). Commencing 900103, offsite testing performed at Abuse certified lab.  
MORGAN, H.E. Southern California Edison Co. 90/03/01. (Document Control Desk). 8pp. 52923:061-52923:068.

#### S. Reportable occurrences, LERs & related correspondence

9003200230 LER 89-021-01 on 890803, reactor tripped on cable degradation. Caused by polyethylene insulation oxidation. Cable w/ loss of insulation to ground replaced W/ MORGAN, H.E. Southern California Edison Co. 90/01/03.

9003120218 RO followup rept for Tech Spec fire rated air during routine surveillance in Jan 1990. One fire door found unauthorized individual identified & disciplinary action taken.  
NANDY, F.R. Southern California Edison Co. 90/02/16. M. the Director. 5pp. 52975:167-52975:171.

9003010408 LER 90-001-00 on 900120, dc bus feeder bus ground troubleshooting resulting in violation of Tech Spec degraded cable installation & corrosion conduit joint Ground.  
MORGAN, H.E. Southern California Edison Co. 90/02/20.

9003080273 LER 90-002-00 on 900124, required sample/air power change exceeded 15% within 1 hr. Caused by personnel & event discussed w/on-shift operations personnel.  
MORGAN, H.E. Southern California Edison Co. 90/02/23.

9003120444 LER 90-003-00 on 900126, discovered that Teplamerized as required by newly issued amend which 891215. Caused by personnel error. Station Procedure 900223 ltr.  
MORGAN, H.E. Southern California Edison Co. 90/02/23.

9003080488 PNO-V-90-038 on 900228, earthquake w/ Richter near Upland, CA. San Onofre declared unusual event & all reactors shut down w/no damage resulting to facilities.  
WENSLAWSKI, F. Region 5, Oic of the Director. 52923:120.

9003070196 PNO-V-90-009 on 900302, earthquake California Quake felt at plant but did not trigger recorders. License actions planned. Preliminary notification issued to GARCIA, E., JOHNSON, P. Region 5, Oic of the Director. 52891:058.

9003140368 LER 88-033-00 on 900131, discovered that R determination not taken prior to entry into Mode 4 on incorporate new chemistry procedure. Procedures revised ltr.  
MORGAN, H.E. Southern California Edison Co. 90/03/02.

#### V. Operator Examinations

9003130178 Forwards Amend Application 178 to Licensee proposed Tech Spec Change 218, correcting minor typos in section 6.4.1 to reflect issuance of 10CFR55 encompassing training.  
RAY, H.B. Southern California Edison Co. 90/03/06. Document Control Desk. 1p. 52895:112-52895:162.

-9003130185 Amend Application 178, consisting of Proposed Tech Specs to correct discovered errors & oversights & 10CFR55. Certificate of Svc encl.  
Southern California Edison Co. 90/03/08. 9pp. 52895:171.

-9003130402 Proposed Tech Specs, correcting discovered 6.4.1 re operator training.  
Southern California Edison Co. 90/03/06. 41pp. 52895:172.

#### DOCKET 50-213 HADDAM NECK PLANT

#### F. Security, medical, emergency & fire protection plans

9003090324 Partial response to FOIA request for documents enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & 890205. 90/02/26. WEBER, M.A. New York Newsday. 1p.

-9003130577 Requests NRC consideration of encl cons to A D'Amato forwarding St Lawrence Environ Mgt Commission release citing operators at eight plants for emergency encl.  
D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. 52991:121-52991:172.

9003180221 Forwards Safeguards Insp Rept 50-213/90-03 noted.  
BELLAMY, R.R. Region 1, Oic of the Director. 90/03/01. Yankee Atomic Power Co. 2pp. 53049:177-53049:188.

-9003180229 Partially withheld Physical Security Insp Rept (rel 10CFR73.21). Major areas inspected mgt effectiveness audits, protected & vital area physical barriers, personnel.  
LANCASTER, W.K., KEIMIG, R.R. Region 1, Oic of the Director. 53049:179-53049:188.

BY Assessment: W/Transmittal  
MCCANCE, W.T., DEBARBERE, Connecticut Yankee Atomic Power Co. 90/03/03.  
2pp. 53147.165-53147.166.

9003220310 Submits draft emergency exercise scenario package for NRC review for  
900519 offsite emergency preparedness exercise.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Util-  
ities. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/  
03/14. LAZARUS, W.J. Region 1, Oic of the Director. 2pp. 53145.009-53145.010.

9003270195 Forwards Safety Insp Rept 50-213/90-02 on 900109-0215 No violations  
noted.  
WENZINGER, E.C. Region 1, Oic of the Director. 90/03/14. MROCZKA, E.J. Connect-  
icut Yankee Atomic Power Co. 2pp. 53193.034-53193.057.

-9003270198 Insp Rept 50-213/90-02 on 900109-0215 No violations noted. Major  
areas inspected: plant operations, radiological controls during thermal shield  
removal, reactor vessel thermal shield removal & App R svc water performance testing  
& security.  
HAVERKAMP, D.R. Region 1, Oic of the Director. 90/03/14. 22pp. 53193.036-  
53193.057.

#### J. Insurance & Indemnity Information

9002260031 Forwards Endorsement 5 to MAELU Certificate MW-15, correcting previous-  
ly issued Endorsement 5.  
VIETEN, M.J. Marsh & McLennan, Inc. 90/02/06. DINITZ, I. Office of Nuclear Reactor  
Regulation, Director (Post 870411). 2pp. 52710.359-52710.360.

#### P. Operating license stage documents & correspondence

9002260222 Application for amend to License DPR-61, incorporating license condition  
specifying augmented primary sys radiochemistry monitoring program be established  
& maintained for Cycle 18 operation. Proposed condition on end.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Util-  
ities. 90/02/12. Document Control Branch (Document Control Desk). 20pp.  
52739.275-52739.294.

9002260560 Forwards environ assessment & finding of no significant impact re listed  
applications.  
WANG, A.B. Project Directorate I-4. 90/02/14. MROCZKA, E.J. Connecticut Yankee  
Atomic Power Co. 2pp. 52720.099-52720.104.

-9002260561 Environ assessment & finding of no significant impact re listed applica-  
tions.  
STOLZ, J.F. Project Directorate I-4. 90/02/14. 4pp. 52720.101-52720.104.

9002260566 Ack receipt of listed invoices for costs incurred during routine reviews of  
plant.  
MROCZKA, E.J. Northeast Utilities. MROCZKA, E.J. Connecticut Yankee Atomic Power Co.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/  
02/16. Document Control Branch (Document Control Desk). 2pp. 52722.086-  
52722.087.

9002270195 Notification of 900222 meeting w/utl in Rockville, MD to discuss results of  
Event V audit & recommendation made in rept.  
WANG, A.B. Project Directorate I-4. 90/02/16. STOLZ, J.F. Project Directorate I-4. 3pp.  
52758.333-52758.335.

9003060120 Application for amend to License DPR-61, relocating Table 4.4-5, "Reactor  
Vessel Matt Surveillance Program-Withdrawal Schedule" from Tech Specs to updated  
FSAR & revising Figures 3.4-3.4 & 5 re thermal shield.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Util-  
ities. 90/02/16. Document Control Branch (Document Control Desk). 6pp. 52826.021-  
52826.156.

-9003060127 Proposed Tech Specs, relocating Table 4.4-5, "Reactor Vessel Matt Sur-  
veillance Program-Withdrawal Schedule" & changing Figures 3.4-3.4 & 5 re thermal  
shields.  
\* Connecticut Yankee Atomic Power Co. 90/02/16. 65pp. 52826.027-52826.091.

-9003060246 "Connecticut Yankee Reactor Vessel Radiation Surveillance Program"  
YANICHKO, S.E. Westinghouse Electric Corp. WCAP-7036. 67/04/30. 65pp.  
52826.092-52826.150.

9003010236 Advises that utl 900126 response to Generic Ltr 89-13, "Svc Water Sys  
Problems Affecting Safety-Related Equipment," acceptable.  
WANG, A. Project Directorate I-4. 90/02/23. MROCZKA, E.J. Connecticut Yankee  
Atomic Power Co. 2pp. 52786.019-52786.020.

9003020259 Notification of 900305 meeting w/utl in Rockville, MD to discuss status of  
licensing activities for facility.  
JAFPE, D.H. Project Directorate I-4. 90/02/26. STOLZ, J.F. Project Directorate I-4. 4pp.  
52799.111-52799.114.

9003050175 Partial response to FOIA request for records App W records encl & avail-  
able in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post  
890205). 90/03/01. PEPPERMAN, D.R. Blecher & Collins. 2pp. 52793.297-52794.103.

-9003050178 Rev 1 to Preventive Maint Procedure PM 9.5-41, "Testing of Molded  
Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co. 79/07/02. 6pp. 52793.310-52793.315.

-9003050179 Rev 2 to Preventive Maint Procedure PM 9.5-41, "Testing of Molded  
Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co. 81/08/28. 8pp. 52793.318-52793.321.

-9003050182 Rev 3 to Preventive Maint Procedure PM 9.5-41, "Testing of Molded  
Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co. 83/01/26. 6pp. 52793.322-52793.327.

-9003050184 Rev 4 to Preventive Maint Procedure PM 9.5-41, "Testing of Molded  
Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co. 85/08/29. 8pp. 52793.328-52793.335.

\* Connecticut Yankee Atomic Power Co. 75/12/31. 8pp. 52793.336-52793.341.

-9003050191 Rev 5 to Preventive Maint Procedure PM 9.5-41, "Testing of Molded  
Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co. 86/07/15. 8pp. 52793.342-52793.349.

-9003050195 Rev 6 to Preventive Maint Procedure PMP 9.5-41, "Testing of Molded  
Case Circuit Breakers."  
\* Connecticut Yankee Atomic Power Co. 88/08/02. 11pp. 52793.350-52794.013.

-9003050199 Rev 1 to Preventive Maint Procedure PMP 9.8-88, "Testing of Molded  
Case Circuit Breakers & Motor Circuit Protectors."  
\* Connecticut Yankee Atomic Power Co. 88/12/31. 46pp. 52794.014-52794.073.

9003080471 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in  
NRC Regulatory Impact Survey." Approx two NRC team insps conducted at facilities  
each yr. Two SSFIs conducted in 1989.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nu-  
clear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Northeast Utilities. 90/  
03/01. Document Control Branch (Document Control Desk). 30pp. 52893.136-  
52893.173.

9003090030 Forwards Vol 6 to NUSCO 149, "Probabilistic Safety Study." Rept provides  
results of study to quantify core-melt frequency at plant due to tornado-initiated acci-  
dent sequences per SEP Topics III-2 & III-4A.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Util-  
ities. 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52891.221-  
52891.222.

-9003090036 Vol 6 to "Probabilistic Safety Study."  
\* Northeast Utilities Service Co. (subs. of Northeast Utilities). NUSCO 149 V06. 00/  
03/01. 183pp. 52891.223-52892.045.

9003160066 Forwards Reg Guide 1.75 compliance review per NRC 900122 SER com-  
mitting utl to submit review in support of electrical design of new switchgear bldg at  
plant.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Util-  
ities. 90/03/08. Document Control Branch (Document Control Desk). 8pp. 53041.037-  
53041.044.

9003200354 Forwards notice of consideration of issuance of amend to License DPR-61  
& opportunity for hearing re utl 900212 application, incorporating condition specifying  
establishment of augmented primary sys radiochemistry monitoring program.  
WANG, A.B. Project Directorate I-4. 90/03/09. MROCZKA, E.J. Connecticut Yankee  
Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast  
Utilities). 2pp. 53079.128-53079.132.

-9003200359 Notice of consideration of issuance of amend to License DPR-61 & op-  
portunity for hearing re 900212 application for condition specifying establishment of  
augmented primary sys radiochemistry monitoring program for stated period.  
STOLZ, J.F. Project Directorate I-4. 90/03/07. 5pp. 53079.128-53079.132.

9003220026 Application for amend to License DPR-61, allowing testing of individual rod  
position indicator sys during power operation of plant.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Util-  
ities. 90/03/14. Document Control Branch (Document Control Desk). 4pp. 53113.250-  
53113.263.

-9003220028 Proposed Tech Specs, allowing testing of individual rod position indicator  
sys during power operation.  
\* Connecticut Yankee Atomic Power Co. 90/03/14. 10pp. 53113.254-53113.263.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation  
of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-  
Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidat-  
ed Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260223 Forwards update on implementation status of corrective actions to SALP  
board recommendations discussed in 901123 response & provides addl relevant info  
similar to 890721 meeting w/Region 1 mgt.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Util-  
ities. 90/02/14. Document Control Branch (Document Control Desk). 19pp.  
52739.250-52739.288.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-  
canted 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23.  
Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

9003090324 Partial response to FOIA request for documents Listed App B documents  
enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post  
890205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52890.252-52890.264.

-9003130577 Requests NRC consideration of encl constituent JM McHugh 891227 ltr  
to A'D'Amato forwarding St Lawrence Environ Mgt Council 891216 ltr. NRC 620212  
press release citing operators at eight plants for emergency planning violations also  
encl.  
D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs. 7pp.  
52991.121-52991.172.

9002230263 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Oper-  
ated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28.  
Consolidated Edison Co. of New York, Inc. 99pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communica-  
tions." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28.  
Consolidated Edison Co. of New York, Inc. 99pp. 52844.001-52844.098.

9003050175 Partial response to FOIA request for records App W records and available in POR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/01. PEPPERMAN, D.R. Blecher & Co. 2pp. 52793:237-52794:103

-9003050203 Special Test Procedure SPL 108-9, "Testing of Molded Case Circuit Breakers per NRC Bulletin 88-010."  
\* Connecticut Yankee Atomic Power Co. 89/02/09 30pp. 52794.074-52794:103

9003080471 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Approx two NRC team insps conducted at facilities each yr two SSFIs conducted in 1988.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 90/03/01 Document Control Branch (Document Control Desk). 39pp. 52893:135-52893:173.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp. 52844:100-52844:158

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06 Consolidated Edison Co. of New York, Inc. 86pp. 52937:001-52937:034.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp. 52997:055-52997:189.

9003010227 NRC Info Notice 90-016, "Compliance With New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp. 52997:288-52998:016

9003010293 Suppl 2 to NRC Info Notice 89-059, "Supplier's Potential Misrepresentation of Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 105pp. 52844:193-52844:298.

9003020211 NRC Info Notice 90-017, "Weight & Cir of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52953:085-52953:299

9003050043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp. 52963:200-52963:299

9003050148 NRC Bulletin 90-001, "Loss of Fuel Oil in Transformers Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp. 52963:300-52964:048

9003180221 Forwards Safeguards Insp Rept 50-213/90-03 on 900219-23 No violations noted.  
BELLAMY, R.R. Region 1, Oic of the Director. 90/03/09 MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 2pp. 53049:177-53049:168.

-9003180229 Partially withheld Physical Security Insp Rept 50-219/90-03 on 900219-23 (ref 10CFR73.21) Major areas inspected ngl effectiveness & support, program plans & aucts protected & vial area physical barriers, personnel, packages & mail.  
LANCASTER, W.K., KEIMIG, R.R. Region 1, Oic of the Director. 90/03/09. 10pp. 53048:170-53049:188.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 99pp. 52997:180-52997:287.

9003270195 Forwards Safety Insp Rept 50-213/90-02 on 900103:0215 No violations noted.  
WENZINGER, E.C. Region 1, Oic of the Director. 90/03/14. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 2pp. 53193:034-53193:057.

-9003270198 Insp Rept 50-213/90-02 on 900109-0215 No violations noted. Major areas inspected plant operators radiological controls during thermal shield removal, reactor vessel thermal shield removal & App R svc water performance testing & security.  
HAVERKAMP, D.R. Region 1, Oic of the Director. 90/03/14. 22pp. 53193:038-53193:057.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 96pp. 53035:128-53035:226

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp. 53168:057-53168:147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp. 53132:001-53132:100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transformer Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp. 53165:007-53165:108.

## R. Periodic operating reports & related correspondence

9003080301 "Haddam Neck Plant & Milford Station Units 1959." W/900221 ltr  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. (subs of Northeast Utilities) MROCZKA, E.J. 12/31 547pp. 52849:259-52851:125

9003080452 "Sarnia Nuclear Radioactive Effluents Release Report 900301 ltr  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. 89/12/31 14pp. 52894:250-52894:263

9002280374 Monthly operating rept for Jan 1990 for Haddam Neck Plant  
WALL, K.C., MILLER, D.B. Connecticut Yankee Atomic Power Co. 52726:343-52726:352.

9003200150 Monthly operating rept for Feb 1990 for Haddam Neck Plant  
WALL, K.C., MILLER, D.B. Connecticut Yankee Atomic Power Co. 53077:139-53077:148.

## S. Reportable occurrences, LERs & related correspondence

9002260324 Follow-up RO on 890826 quarterly beta dose measurements in gases exceeded. Caused by normal reactant coolant activity. Refueling Fuel reconstitution completed on 900209 & 311 leak repaired.  
MILLER, D.B. Connecticut Yankee Atomic Power Co. 90/03/07 Document Control Desk. 2pp. 52739:156-52739:157

9003090255 LER 90-001-00 on 900202, engineering evaluation of svc water filters may occur rendering containment inoperable. Caused by design error Bypass lines installed.  
900302 ltr.  
KASUGA, R.W., MILLER, D.B. Connecticut Yankee Atomic Power Co. 52979:117-52979:120

9003220167 LER 90-002-00 on 900214, discovered that no fire temporarily sealed penetration fire barrier. Caused by past penetration fire seal program fire watch established W/900303.  
KAZUKYNAST, B., MILLER, D.B. Connecticut Yankee Atomic Power Co. 53122:079-53122:082

## V. Operator Examinations

9003210291 Advises that licensed Operator OP-10775 re-examination 900223 due to operator not meeting medical requirements of MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. 90/03/12 Document Control Branch (Document Control Desk). 53105:127.

9003210312 Informs that RB Tourvin has no need to meet medical requirements.  
MILLER, D.B. Connecticut Yankee Atomic Power Co. 90/03/12 Document Control Branch (Document Control Desk) 1p. 53105:128-53105:128

## DOCKET 50-218 OYSTER CREEK NUCLEAR POWER PLANT

## E. NRC Safety Evaluation Report (SER), supps & correspondence

9003120095 Ack receipt of 891211 ltr transmitting concerns re draft full-term OL SER (NUREG-1382). Addl clarification W/900228 meeting re environ monitoring & ECCS NRC common STCLZ, J.F. Project Directorate 1-4 90/02/28. TOSCH, K.W. 13pp. 52973:310-52973:322.

## F. Security, medical, emergency & fire protection plans

9003090324 Partial response to FOIA request for documents enclosed Apps A & B documents available in POR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday. 18pp.

-9003130577 Requests NRC consideration of encl constituent to A D'Amato forwarding St Lawrence Environ Mgt Council press release citing operators at eight plants for emergency response.  
D'AMATO, A.M. Senate 90/01/24. KAMMERER, C. Connecticut Yankee Atomic Power Co. 52901:121-52901:172.

9003160118 Forwards Safety Insp Rept 50-219/90-02 on 900122-28 No violations noted.  
BELLAMY, R.R. Region 1, Oic of the Director. 90/03/08 Public Utilities Corp. - GPU Service Corp. 2pp. 53060:217-53060:230

-9003160128 Insp Rept 50-219/90-01 on 900122-28 No violations noted. Major areas inspected licensee compliance, including changes to emergency plan & implementation.  
AMATO, C.G., LAZARUS, W.J. Region 1, Oic of the Director. 53060:218-53060:230

9003260527 Revised EIPs, including Rev 5 to 8473-IMP-130:1300.29 & Rev 4 to 9473-ADM-1319.02 W/900315 ltr & rev.  
BARTON, J.J. General Public Utilities Corp. - GPU Service Corp. 53155:328-53155:072.

request will be accomplished by use of local CAD pump discharge indicators.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/02/08. Document Control Branch (Document Control Desk). 2pp. 52991.187-52991.188.

9002260146 Requests determination that 10CFR26 App A Section 2.70(3)(iii) does not require that alcohol breath analysis equipment conform to both NHTSA Safety Highway Traffic Safety Admin's & State statutes or exemptions to 10CFR26.  
LONG R.L. General Public Utilities Corp. - GPU Service Corp. 90/02/15. Document Control Branch (Document Control Desk). 3pp. 52739.198-52739.200.

9003010354 Forwards application for amend to License DPR-16, consisting of Tech Spec Change Request 183, permitting no limitation on number of inoperable position indicators for 16 ASME Code safety valves during power operation.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/02/15. Document Control Branch (Document Control Desk). 3pp. 52781.032-52781.042.

-9003010359 Application for amend to License DPR-16, consisting of Tech Spec Change Request 183 permitting no limitation on number of inoperable position indicators for sixteen ASME Code safety valves during power operation.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/02/15. 5pp. 52781.035-52781.039.

-9003010396 Proposed Tech Specs permitting no limitation on number of inoperable position indicators for 16 ASME Code safety valves during power operation.  
\* General Public Utilities Corp. - GPU Service Corp. 90/02/15. 2pp. 52781.040-52781.042.

9002260212 Forwards application for amend to License DPR-16, consisting of Tech Spec Change Request 177 Amended changes Tech Spec 4.7.B to include battery svc test every refueling outage & mod of frequency of existing battery performance test.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/02/20. Document Control Branch (Document Control Desk). 5pp. 52759.282-52759.291.

-9002260214 Application for amend to License DPR-16, consisting of Tech Spec Change Request 177 Amended changes Tech Spec 4.7.B to include battery svc test every refueling outage & mod of frequency of existing battery performance test.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/02/20. 3pp. 52759.287-52759.289.

-9002260216 Proposed Tech Specs re surveillance requirements of station batteries.  
\* General Public Utilities Corp. - GPU Service Corp. 90/02/20. 2pp. 52759.293-52759.291.

9003020255 Advises that 891043 request for appropriate Tech Specs for chlorine detector re control room habitability, not warranted.  
DEVEREUX J.C. General Public Utilities Corp. - GPU Service Corp. 90/02/21. Document Control Branch (Document Control Desk). 4pp. 52798.285-52798.288.

9003080406 Forwards application for amend to License DPR-16, consisting of Tech Spec Change Request 184, removing 3.25 limit on extending surveillance intervals, per Generic Ltr 89-14.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/02/23. Document Control Branch (Document Control Desk). 4pp. 52894.346-52894.358.

-9003080411 Application for amend to License DPR-16, consisting of Tech Spec Change Request 184, removing 3.25 limit on extending surveillance intervals, per Generic Ltr 89-14.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/02/23. 8pp. 52894.350-52894.355.

-9003080415 Proposed Tech Specs re specified time limit for surveillance requirements.  
\* General Public Utilities Corp. - GPU Service Corp. 90/02/23. 3pp. 52894.356-52894.358.

9003080191 Forwards safety evaluation concluding that walls of diesel generator vaults & oil tank compartment capable of withstanding tornado wind generated loadings.  
DHOMERICK A.W. Project Directorate I-4. 90/02/26. FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52897.024-52897.033.

-9003080241 Safety evaluation concluding that walls of diesel generator vaults & oil tank compartment capable of withstanding tornado wind generated loadings.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/26. 3pp. 52897.026-52897.033.

9003130730 Forwards topical rept evaluation of GE Rept NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys".  
BWR Owners Group position unacceptable.  
DHOMERICK A.W. Project Directorate I-4. 90/02/28. FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52999.234-52999.241.

-9003130733 Responds to BWR Owners Group Rept NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys". Category 1 designation appropriate. Topical rept unacceptable.  
MIRAGLIA, F.J. Associate Director for Inspection & Technical Assessment (Post 870411). 90/01/29. FLOYD, S.D. Carolina Power & Light Co. 1p. 52999.236-52999.238.

-9003130738 Safety evaluation of Topical Rept NEDO-31558, "Position on Reg Guide 1.97, Rev 3, Requirements for Post-Accident Neutron Monitoring Sys". Functional criteria for post-accident neutron flux monitoring instrumentation unacceptable.  
\* Carolina Power & Light Co. 90/02/28. 5pp. 52999.237-52999.241.

actions to resolve accident investigations will have improved program.  
CLARK P.R. General Public Utilities Corp. - GPU Service Corp. 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52971.321-52971.322.

9003140022 Forwards application for amend to License DPR-16, consisting of Tech Spec Change Request 185 to accommodate implementation of 21-month operating cycle w/3-month outage, or 24-month plant refueling cycle.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/03/02. Document Control Branch (Document Control Desk). 4pp. 53024.144-53024.148.

-9003140028 Application for amend to License DPR-16, consisting of Tech Spec Change Request 185 to accommodate implementation of 21-month operating cycle w/3-month outage, or 24-month plant refueling cycle.  
\* General Public Utilities Corp. - GPU Service Corp. 90/03/02. 28pp. 53024.148-53024.175.

-9003140027 Proposed Tech Specs accommodating implementation of 21-month operating cycle w/3-month outage, or 24-month plant refueling cycle.  
\* General Public Utilities Corp. - GPU Service Corp. 90/03/02. 13pp. 53024.176-53024.188.

9003150082 Advises that 900130 response to Generic Ltr 89-13, "Sve Water Sys Problems Affecting Safety-Related Equipment," acceptable. Licensee agrees to document & retain records of course of action efforts from recommended actions.  
DHOMERICK A.W. Project Directorate I-4. 90/03/02. FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 2pp. 53020.105-53020.108.

9003180098 Requests exemption of specified local leak rate test intervals to include next pass refueling outage scheduled for Jan 1991 per 10CFR50 App J.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/03/02. Document Control Branch (Document Control Desk). 6pp. 53030.116-53030.121.

9003180240 Forwards completed NRC Regulatory Impact Survey, per Generic Ltr 89-01 Form 89-01-03 to incorporate NRC/NUMARC guidance & separate category of staff hours added.  
FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 90/03/06. Document Control Branch (Document Control Desk). 18pp. 53027.318-53027.335.

9003190311 Forwards safety evaluation accepting seismic design adequacy of reactor internals re facility, per SFP Topic III-6, "Seismic Design Considerations - Item 2".  
DHOMERICK A.W. Project Directorate I-4. 90/03/12. FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 2pp. 53067.093-53067.101.

-9003190314 Safety evaluation accepting seismic design adequacy of reactor internals re facility, per SFP Topic III-6, "Seismic Design Considerations - Item 2".  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/12. 7pp. 53067.095-53067.101.

9003190320 Forwards list of implemented USIs per Generic Ltr 89-21, including USI A-9 re ATWS, USI A-44 re station blackout, USI A-46 re seismic qualification of equipment in operating plants USI A-47 & USI A-48.  
DHOMERICK A.W. Project Directorate I-4. 90/03/12. FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 3pp. 53050.283-53050.285.

9003200080 Forwards notice of consideration of issuance of amend to License DPR-16, covering Tech Specs 3.13.B.1 & 3.13.B.2 & deleting current Tech Specs 3.13.B.3 & 3.13.B.4.  
DHOMERICK A.W. Project Directorate I-4. 90/03/14. FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 2pp. 53069.251-53069.257.

-9003200085 Notice of consideration of issuance of amend to License DPR-16 & opportunity for hearing. Amend revises Tech Specs 3.13.B.1 & 3.13.B.2 & deletes current Tech Specs 3.13.B.3 & 3.13.B.4.  
STOLZ, J.F. Project Directorate I-4. 90/03/15. 5pp. 53069.253-53069.257.

9003140089 Generic Ltr 89-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components". Svc 1st end.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edition Co. of New York, Inc. 55pp. 53185.014-53185.069.

#### Q. Inspection reports, IE Bulletins & correspondence

9003020179 Notification of 900218 Enforcement Conference Meeting 90-19 w/John King of Prussia, PA re safety concern process & degraded ADS logic.  
YOUNG, F.I. Region 1, Ofc of the Director. 90/02/09. Region 1, Ofc of the Director. 2pp. 52800.034-52800.035.

9002270310 Forwards Augmented Insp Team Insp Rept 50-219/89-81 on 891208-12. Determined that operator error caused circumstances surrounding event involving main condenser low vacuum transient w/o steam.  
HOOGES, M.W. Region 1, Ofc of the Director. 90/02/14. FITZPATRICK E. General Public Utilities Corp. - GPU Service Corp. 3pp. 52748.206-52748.248.

-9002270311 Insp Rept 50-219/89-81 on 891208-12. No violations or deviations noted. Major areas inspected causes & circumstances surrounding event of main condenser vacuum transient, including operator & mgt performances.  
EASLICK, T., LEW, D., KOSHY, T. Region 1, Ofc of the Director. 90/01/19. 40pp. 52748.209-52748.248.

9003020083 Forwards Safety Insp Rept 50-219/89-29 on 831203-900106 & ack receipt of 900115 & 19 responses to Insp Repts 50-219/89-21 & 50-219/89-27. WENZINGER, C. Region 1, Ofc of the Director. 90/02/16. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52759.193-52759.263

9003020084 Insp Rept 50-219/89-29 on 831203-900106 Major areas inspected observation & review of plant operational events, condenser vacuum transient, unusual events due to low intake water level & simultaneous movement of two control rods. YOUNG, F. Region 1, Ofc of the Director. 90/02/16. 66pp. 52799.195-52799.260

9003070100 Responds to NRC 900122 notice of violation & forwards payment of civil penalty in amount of \$25,000. Corrective actions change made to sys component lineup sheets. n 125-vol dc operating procedure to include selector switches. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. 90/02/20. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 4pp. 52891.092-52891.095

900310472 Discusses 900110 meeting w/NRC re 13R Insp criteria for RWCO w/ds outboard of second containment isolation valve. All w/ds required 100% radiography based on review of piping spec. Response to Generic Ltr 88-01 will be revised. DEVINE, J.C. General Public Utilities Corp. - GPU Service Corp. 90/02/21. Document Control Branch (Document Control Desk). 2pp. 52761.117-52761.118

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776.262-52776.360.

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDR. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52990.252-52990.284.

9003130577 Requests NRC consideration of end consultant. M McHugh 891227 ltr to A D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr. NRC 820212 press release citing operators at eight plants for emergency planning violations also encl. D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs. 7pp. 52991.121-52991.172.

9002230263 NRC Info Notice 90-011, "Main Deficiency Associated W/ Standby Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844.001-52844.039.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguard Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.198.

9003150247 Forwards Mgt Meeting Rept 50-219/90-05 on 900209 re Exam Rept 50-219/89-24OL. HODGES, M.W. Region 1, Ofc of the Director. 90/03/05. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. 2pp. 53033.062-53033.093.

9003150258 Mgt Meeting Rept 50-219/90-05 on 900209 re issues documented in Section 4 of Exam Rept 50-219/89-24OL Areas discussed: deficiencies noted in processing of license applications & upgrading of licensee training program to latest NRC slide. PULLANIS, S. CENTER Region 1, Ofc of the Director. 90/03/01. 35pp. 53033.084-53033.098.

9002260081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mail." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003160118 Forwards Safety Insp Rept 50-219/90-01 on 900122-26 No violations, deviations or unresolved items noted. BELLAMY, R.R. Region 1, Ofc of the Director. 90/03/06. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. 2pp. 53060.217-53060.230.

9003180128 Insp Rept 50-219/90-01 on 900122-26 No violations or deviations or unresolved items noted. Major areas inspected: licensee emergency preparedness program including changes to emergency plan & implementing procedures & training. AMATO, C.C., LAZARUS, W.J. Region 1, Ofc of the Director. 90/03/05. 12pp. 53060.219-53060.230.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997.005-52997.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997.268-52997.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.109-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copas-Vulcan Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52993.066-52993.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52863.200-52863.299.

9003060148 NRC Bulletin 90-001, "Loss of Fuel Oil in Transfer." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 109pp. 52983.101-52983.154.

9003160246 Forwards Insp Rept 50-219/90-02 on 900129-0202 areas inspected status of radiological controls program of operation of plans for improving performance in radiological control. BELLAMY, R.R. Region 1, Ofc of the Director. 90/03/06. Public Utilities Corp. - GPU Service Corp. 4pp. 53036.134-53036.154.

9003160288 Insp Rept 50-219/90-02 on 900129-0202 areas inspected status of radiological controls program of operation of plans for improving performance in radiological control. WANG, J., O'CONNELL, P., SHERBINIS, Region 1, Ofc of the Director. 17pp. 53036.138-53036.154.

9003080213 NRC Info Notice 90-019, "Potential Loss of Emergency Isolation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 89pp. 52997.101-52997.154.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 89pp. 53035.101-53035.154.

9003160224 NRC Info Notice 90-020, "Personnel Injuries From Circulation of Radiowave Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 52997.201-52997.294.

9003160306 NRC Info Notice 90-021, "Potential Failure of Valves to Operate Because Valve Seat Friction Was Unnoticed." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.101-53132.154.

9003160349 NRC Info Notice 90-022, "Unanticipated Equipment Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 102pp. 53185.101-53185.154.

## R. Periodic operating reports & related correspondence

9003140018 "Oyster Creek Nuclear Generating Station 1989 Annual Report." for Jul-Dec 1989 W/900302 ltr. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. 53019.217-53019.255.

9003190054 "1989 Annual Environ Operating Rept." W/900302 ltr. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. 53060.181-53060.215.

9002270217 Monthly operating report for Jan 1990 for Oyster Creek Station W/900215 ltr. YEAGER, J., FITZPATRICK, E. General Public Utilities Corp. 01/31. 6pp. 52759.093-52759.098.

## S. Reportable occurrences, LERs & related correspondence

9003060035 LER 90-001-00 on 900123, fire alarm received in room resulting in operability of deluge sys. Cause established. Caused by inadequate procedural guidance. D'AMATO, A.M. FITZPATRICK, E. General Public Utilities Corp. 90/02/22. 5pp. 52829.222-52829.226.

9003080442 LER 89-023-00 on 891209, four out of six control rods found at values less conservative than Tech Spec limit. Draft & lack of margin for drift in calibr procedure. Setpoint. ROGERS, J., FITZPATRICK, E. General Public Utilities Corp. 02/27. 5pp. 52696.025-52696.029.

9003090247 Forwards LER 89-024-00 Site deviation report due to inadvertently misplaced during reportability determination. Cited on 900129. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. Document Control Branch (Document Control Desk). 1p. 52979.101-52979.101.

9003090262 LER 89-024-00 on 891228, six of eight isolation sensors found to trip at differential pressure greater than specified in Tech Specs. Caused by excessive component. CERVENKA, P. General Public Utilities Corp. - GPU Service Corp. 52979.122-52979.125.

9003160505 Special Rept 90-01 on 900206, nonfunctional isolation stored to functional status within 7 days, per Tech Spec. pump pressure switch needed to replace switch that could not be replaced. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. Document Control Branch (Document Control Desk). 2pp. 53019.217-53019.255.

9003200198 LER 90-002-00 on 900207, partial primary & standby gas treatment sys initiation occurred. Cause & trip units. Isolation signal reset & ventilation restored. GAYLEY, R.B., FITZPATRICK, E. General Public Utilities Corp. 03/09. 5pp. 53053.029-53053.033.

9003260645 LER 89-017-01 on 890711, main generator trip condition caused by fault in operating main output transformer. Oil boxes on transformers repaired. W/900314 ltr. ROBINSON, H., FITZPATRICK, E. General Public Utilities Corp. 03/09. 5pp. 53165.137-53165.141.

-9003150258 Mgt Meeting Rept 50-219/90-05 on 800209 re issues documented in Section 4 of Exam Rept 50-219/89-24OL Areas discussed: deficiencies noted in processing of license applications & upgrading of Licensee training program to latest NRC side.  
PULLANI,S., CONTE,R Region 1, Ofc of the Director. 90/03/01. 35pp. 53033-064-53033-098.

## DOCKET 50-220 NINE MILE POINT NUCLEAR STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

9002260023 Ack receipt of 891107 response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs." Action considered complete Safeguards contingency procedures & implementation may be subj of future insp.  
MARTIN,R.E. Project Directorate I-1, 90/02/16. BURKHARDT,L. Niagara Mohawk Power Corp. 2pp. 52721-142-52721-143.

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 800205). 90/02/26. WEBER,M.A. New York Newsday. 18pp. 52990-252-52990-264.

-9003120104 Forwards correspondence re status of emergency planning around sites w/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/08/26. OTTINGER,R.L. House of Rep., Energy & Commerce. 1p. 52990-298-52990-298.

9003120550 Forwards Safety Insp Repts 50-220/90-01 & 50-410/90-01 on 900123-26. No violations noted.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/02/28. BURKHARDT,L. Niagara Mohawk Power Corp. 2pp. 52968-166-52968-174.

-9003120554 Safety Insp Repts 50-220/90-01 & 50-410/90-01 on 900123-26. No violations noted. Major areas inspected: emergency preparedness program, including review of previously identified insp findings & organization & mgmt controls.  
GORDON,C.Z., LAZARUS,W.J. Region 1, Ofc of the Director. 90/02/28. 7pp. 52968-166-52968-174.

9003160290 Forwards Insp Repts 50-220/89-33 & 50-410/89-22 on 891214-900131 & notice of violation.  
LINVILLE,J.C. Region 1, Ofc of the Director. 90/03/08. BURKHARDT,L. Niagara Mohawk Power Corp. 3pp. 53040-120-53040-142.

-9003160296 Insp Repts 50-220/89-33 & 50-410/89-22 on 891214-900131. Violations noted. Major areas inspected: plant operations, radiological protection, surveillance & maint, emergency preparedness, security & engineering & technical support.  
MEYER,G.W. Region 1, Ofc of the Director. 90/03/08. 18pp. 53040-125-53040-142.

9003200382 Responds to 891027 ltr re procedures generation package. Requests delay in schedule for revs to procedures until 910601 or completion of mid cycle outage at plant.  
TERRY,C.D. Niagara Mohawk Power Corp. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53071-121-53071-121.

9003260565 Forwards Insp Repts 50-220/90-02 & 50-410/90-02 on 900201-28. Slow progress in reducing excessive number of lit annunciators in control room & mixed results re progress in demonstrating better problem solving noted.  
LINVILLE,J.C. Region 1, Ofc of the Director. 90/03/15. BURKHARDT,L. Niagara Mohawk Power Corp. 3pp. 53189-114-53189-132.

-9003260567 Insp Repts 50-220/90-02 & 50-410/90-02 on 900201-28. Noncritical violations noted. Major areas inspected: radiological protection, plant operations, surveillance & maint, emergency preparedness, security, engineering & technical support.  
MEYER,G.W. Region 1, Ofc of the Director. 90/03/14. 18pp. 53189-117-53189-132.

### H. General correspondence

9002220528 Responds to 900110 ltr re C Banas concerns regarding several outages of Unit 2 that occurred in Oct 1989. Active review & insp program of plant underway, including svcs of three full-time resident inspectors.  
TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/02/09. BOEHLEERT,S. House of Rep. 5pp. 52718-050-52718-059.

-9002220538 Forwards C Banas 891028 ltr expressing concern about safety at facility & requesting investigation.  
BOEHLEERT,S. House of Rep. 90/01/10. CARR,K.M. Commissioners. 5pp. 52718-055-52718-059.

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 800205). 90/02/26. WEBER,M.A. New York Newsday. 18pp. 52990-252-52990-264.

-8106230225 Comments on 810415 constituent ltr re civil penalty imposed on Niagara Mohawk Power Corp.  
DIRCKS,W.J. Ofc of the Executive Director for Operations. 81/05/18. D'AMATO,A. Senate. 3pp. 52990-289-52990-289.

-8106230229 Requests NRC consideration of encl constituent ltr.  
D'AMATO,A. Senate. 81/04/28. NRC - No Detailed Affiliation Given. 3pp. 52990-285-52990-287.

9002280233 Forwards comments on Nine Mile Point Unit 1 restart meeting on 891114.  
BENDER,M. Querytech Associates. 89/11/17. ALDERMAN,H. ACRS - Advisory Committee on Reactor Safeguards. 5pp. 52776-144-52776-148.

### P. Operating license stage documents & correspondence

9002280256 Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear power reactors licensed by NRC. Plant categorized as requiring continued close monitoring. Summary of NRC discussions re plant provided.  
STELLO,V. Ofc of the Executive Director for Operations. 89/05/26. DONLON,W. Niagara Mohawk Power Corp. 3pp. 52988-176-52988-178.

9002280149 Forwards Temporary Procedures N1-88-B.0, Rev 00, N1-88-B.1, Rev 00 & N1-88-B.2, Rev 00.  
WILLIS,J.L. Niagara Mohawk Power Corp. 90/01/30. Document Control Branch (Document Control Desk). 1p. 52721-248-52721-321.

-9002280438 Rev 00 to Temporary Procedure N1-88-B.0, "Nine Mile Point Unit 1 Restart Power Ascension Program Description."  
DAHLBERG,K.A. Niagara Mohawk Power Corp. 90/01/16. 20pp. 52721-249-52721-268.

-9002280442 Rev 00 to Temporary Procedure N1-88-B.1, "Nine Mile Point Unit 1 Restart Power Ascension Testing."  
DAHLBERG,K.A. Niagara Mohawk Power Corp. 89/09/30. 30pp. 52721-269-52721-288.

-9002280443 Rev 00 to Temporary Procedure N1-88-B.2, "Nine Mile Point Unit 1 Restart Power Ascension Self-Assessment."  
DAHLBERG,K.A. Niagara Mohawk Power Corp. 90/01/25. 23pp. 52721-289-52721-321.

9002160171 Identifies licensees requesting delays in submitting individual plant exam results.  
TAYLOR,J.M. Ofc of the Executive Director for Operations. SECY-90-039. 90/02/07. 4pp. 53045-355-53045-358.

9002230213 Corrects & updates info in 781231 submittal that provided design data & status of commitments to NUREG-0578. Integrated leak rate testing required only three times every 10 yrs & leakage determined by volumetric leak rate method.  
TERRY,C.D. Niagara Mohawk Power Corp. 90/02/07. Document Control Branch (Document Control Desk). 1p. 52715-061-52715-061.

9002260024 Summarizes discussions re plant at NRC senior managers 900122 & 23 meeting for review of nuclear power plants licensed to operate by NRC. Plant categorized as continuing to require close monitoring.  
TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/02/12. ENDRIES,J.M. Niagara Mohawk Power Corp. 3pp. 52713-222-52713-224.

9003050227 Forwards Tech Spec Page 223 w/ revised proposed changes to 890801 application for amend to License DPR-63, deleting current requirement to calibr SRM & then control rod withdrawal block instrumentation prior to normal shutdown.  
TERRY,C.D. Niagara Mohawk Power Corp. 90/02/20. Document Control Branch (Document Control Desk). 1p. 52835-226-52835-227.

-9003050229 Proposed Tech Spec Page 223 re notes for Tabs 3 B.2g & 4.6.2g.  
\* Niagara Mohawk Power Corp. 90/02/20. 1p. 52835-227-52835-227.

9003070390 Forwards completed NRC regulatory impact survey per Generic Ltr 90 01, "Request for Voluntary Participation in NRC Impact Survey."  
BERATTA,J.P. Niagara Mohawk Power Corp. 90/02/23. Information & Records Management Branch (Post 890827). 5pp. 52889-315-52889-319.

9003090095 Forwards application for amend to License DPR 63, revising Definition 1.15, "Surveillance," per guidance contained in Generic Ltr 89-14 re removal of 3.25 limit on extending surveillance intervals.  
TERRY,C.D. Niagara Mohawk Power Corp. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52949-048-52949-054.

-9003090103 Application for amend to License DPR-63, revising Definition 1.15, "Surveillance," per guidance provided in Generic Ltr 89-14 re removing 3.25 limit on extending surveillance intervals.  
TERRY,C.D. Niagara Mohawk Power Corp. 90/02/26. 1p. 52949-048-52949-049.

-9003090105 Proposed Tech Specs re reactor bldg core alteration, rated flux & surveillance.  
\* Niagara Mohawk Power Corp. 90/02/26. 5pp. 52949-050-52949-054.

9003120662 Forwards "Nine Mile Point Nuclear Station, Unit 1 Semiannual Radioactive Effluent Release Rept, Jul-Dec 1989" & "Radwaste Process Control Program."  
WILLIS,J.L. Niagara Mohawk Power Corp. 90/03/02. Document Control Branch (Document Control Desk). 1p. 52971-110-52971-158.

-9003120676 Rev 3 to AP-3.7, "Radwaste Process Control Program."  
WILLIS,J.L. Niagara Mohawk Power Corp. 89/07/26. 18pp. 52971-141-52971-158.

9003090470 Notification of 900307 meeting w/GE in Rockville, MD to discuss potential power reactor upgrades.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/05. MURLEY,T., MIRAGLIA,F., CRUTCHFIELD,D. NRC - No Detailed Affiliation Given. 2pp. 52945-232-52945-233.



### DOCKETED ITEMS

[illegible]

90/03/13 53174 138 53174-139

90C1230274 - Information of 9/9/82 meeting w/John in Rocky lg MD to discuss status of  
various amendments applications & other licensing matters  
MURLEY, J.E. - Project Directorate - M-1 90/03/18 MURLEY, T. SNIEZEK, J.  
Directorate of the District of Columbia - Given Gpp 53174-199-53174 201

90/03/002 General Contractor power reactor licenses & applicants re relaxation  
of safety requirements for LWR 638 item 2.2 Part 2 Vendor interface for Safety-Re  
actor License 5-2-87 (60)  
A. J. G. Smith, Assistant Director for Projects (Post 87C411) 90/03/20 Conso dbt  
for the above items. 53155 014 53195 069

FOR THE DIRECTOR, ENVIRONMENTAL PROTECTION AGENCY  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

• 90-0760419 CER regarding re-evaluation of procedure for establishing water quality criteria for spray gun discharge line isolation valves  
• 90-0760420 CER regarding Reentry Regulation Director (Post: 870411) 90/07/20 Epp  
• 90-0760421

Q Inspection reports, IE Bulletins & correspondence

[illegible]

and 90 days after the date of the proposed civil penalty for Severity Level III violation  
of the RCRA provisions for RCRCF 59 when function of radwaste process or  
equipment is impaired by radwaste storage area  
violation (See RCRA) Otc of Enforcement (Post 87C413) SO/C2/15 sp  
10-11-15 16

5-11-02/16 A follow up 4/11/07 response to General's 8/9/07, "Power Reaction" regarding the Planning for Surface Vehicle Bombs. Action consists of the following: (1) Review of existing procedures & implementation may be subject of future correspondence. (2) Review of existing procedures & implementation may be subject of future correspondence.

90-0222 Region 1, Dir. of the Director  
90-0222 Region 1, Dir. of the Director

[illegible]

5001130654 Chemicals Assessment Insp Team Insp Rpt 50-220/69 80 on 89C822-28  
 1. Name of violator: Company not issued because of age of violation  
 2. Date of violation: 1975  
 3. Name of violator: O/o of the Director 50/02/23 BURKHARDT, L. Niaga  
 4. Name of violator: 52291 325-52591 330

-3003130058 Notice of Violation from Insp on 890822-28 Violation noted change in site facility used as temporary lq. & raw waste storage area in addition to storage for raw waste contained in metal drums

9003093328 Please refer to FOIA request for documents listed App B document  
for App A & B documents available PDF  
U.S. Department of Justice, Office of Freedom of Information & Publications Services (FOIP)  
1000 ... WEEB MA New York Newsday 1800-529-3300 252-52990128A

9003300375 Forward announcement that UH has agreed to pay reduced fine  
for violations identified in operation of plant W/o end  
of Congressional Affairs (Pro 870413) 81/03/23 UDALL  
House of Representatives & Senator ARNOLD SIMPSON A Senate 1p 5299027

-900120679 Forwarded announcement that NRC has cited UH for three alleged violations under Tech Specs in CL  
FROM: NRC Office of Congressional Affairs (Pre 870413) 8/31/01  
TO: SENATE HOUSE OF REP. ENERGY & COMMERCE SIMPSON SENATE UDA  
DATE: 8/31/01 P 3:00 52231038 52093018

-9001130182 Form 35 announcement that HRC has cited you for alleged violations  
MARKEY, E. Office of Congressional Affairs (Pre 870413) 84/03/  
MARKEY, E. House of Rep. Energy & Commerce. MARKEY, E. House of R  
MARKEY, E. Senate 1p 5299165-52991055

90C2230283 HQ into Notice 90-011, Maint Deficiency Associated W/ Solenoid Op  
at... ..  
... Division of Operational Events Assessment (Post 870411). 90/02  
... Edison Co of New York, Inc 99pp 52776 163-52776 261.

90072230379 WJC Info Notice 90-012, "Monitoring or Interruption of Plant Commu-  
nications Systems"  
4. WJC-E Division of Operational Events Assessment (Post 870411). 90/02  
re: General Electric Co of New York, Inc 98pp. 52844 001-52844 039.

9003120550 Forwards Safety Insp Rep'n 50-220700 01 & 10 4  
26 No violations noted  
BELLAMY, R R Reg'n 1, Oic of the Greeter 00/02/28 BU  
Mohawk Power Corp 2pp 52808-108 52058 174

-9003120554 Safety Insp Reply 50-220/80 01 & 50-410/80 01 on  
actions noted Major areas inspected emergency preparedness etc  
of previously identified insp findings & organization & impl center  
GORDON C Z LAZARUS W J Region 1. Cite of this Doc  
52068-168-52058 174.

9003180284 Rev 1 to notification of Significant Interest Meeting  
conference on 0630309 while in Region I to discuss company's  
ability  
MEYER, G.W. Reg on 1, Cdc of the Director 03/01/01 Region  
200 52036 214 53036 215

9002270399 ARC Info Notice 90-013, "Importation of Highway & A  
Event Logs" Svc ltr end  
ROSSICE Division of Operational Events Agreement (Proc  
Consolidated Edison Co. of New York, Inc. 99pp 5/20/4-110 5/2

9002280081 NRC Info Nohen 93 014, 'Accidental Disposal of H  
1st encl  
CUNYINGHAM, R E Division of Industrial & Medical Research  
60-03706 Consolidated Edison Co. of New York Inc. 100pp 5/71

9003010172 NRC Info Not co 90 015, ' Request by Notification of  
at on Cargo Cracks Before Beginning Work in Agreement  
CUNNINGHAM RE Division of Industrial & Medical Nuclear  
9-22-93, Consolidated Edison Co. of New York, Inc. 'Page 5/1

9003010227 NRC Info Notice 90-010, "Compliance With New Design Basis,"  
 Division of Low Level Waste Management & Environmental  
 9003010227 NRC Info Notice 90-010, "Compliance With New Design Basis,"  
 Division of Low Level Waste Management & Environmental

9003010293 Suppl 2 to IAC Info Note 88W29, "Suppliers of P  
ed Fasteners" See list end  
ROSSICE Division of Operational Events Assessment (P  
C, 1000 Avenue of the Americas, New York, New York 10020-1093

9003020211 NRC Info Notice PO 017, "Weight & Use of Gravity D  
Valve Valves" Svc lct und  
ROSSI, G. Division of Operational Events Assessment (PO  
Division of New York, New York, 1996, 1996)

8003160290 Forwards Insp flight 50220/B954 & 5024102072  
notice of violation.  
LINVILLE, JC Region 1, Ofc of the Director 900314/GB 10

-9003160294 Notice of violation from trip on 8/20/12 10:30 AM. I noted publication of three water-type system configurations in range Model 14 travel switch placed by hydwent and incorrectly b

-90033160298 Insp Repts 50 220/89-01 & 50 410/89-22 on 64  
 noted Major areas inspected plant operations, radiological pro  
 pms of emergency preparedness, security & management & techn

MEYER, G. W. Region 1, Ofc of the Director, 800/1000 WPA  
9003050043 NAC Info Notice 90 018, "Potential Problems V  
Valves Used on Diesel Generator Air Start Recovery Tanks"  
ROSSI, C Evision of Operational Events Assessment (P)

9003050148 ARC Fulton PD CNT, "Loss of FBI in Lawrence  
Syc Isl encl.  
DOSSI CE. Signs of Operational Evade Assessment, the

9003080213 NRC info Note: 60 010, "Potential Loss of Effect  
Recirculation on Spray at PWR Fuelies." See list end  
ROSSICE, Division of Operational Safety, Agreement, 40

9003260555 Forwards Insp Rpts 50-220/93 02 & 50-410/91 progress in reducing excessive number of 11 accelerators w results re progress to demonstrate on better problem-solving

--9003280567 Insp Rpts 50-220/60-02 & 50 410/60-02 on 9/11/02 noted Major areas inspected radiological protection, plant & main emergency response procedures.

9003130012 IARC Bulletin 90-002, "Loss of Thermal Margin in Bow." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (F)  
Confidential-Excluded C

9003180224 NRC info Notice 90-020, "Personnel Injuries Resulting from the Operation of Radwaste Incinerators." Svc list encl  
CUNNINGHAM R E, Division of Industrial & Medical Nuclear  
90/03/22, Connecticut, USA

9003160306 NRC Info Notice 90-021, "Potential Failure of Valves to Operate Because Valve Seat Friction Was Under ROSSI, C.E. Division of Operational Events Assessment (R

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc ltr encl ROSSICE Division of Operational Events Assessment (Post 870411). 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108

#### R. Periodic operating reports & related correspondence

9002280152 "NPDES/SPDES Discharge Monitoring Rept for Jul-Dec 1989." W/900209 ltr WILLIS,J.L. Niagara Mohawk Power Corp. 89/12/31. 15pp. 52781.258-52781.270.

9003070146 "Annual Tabulation of Occupational Exposure Rept & 10CFR20.407(a)(2) Rept for 1989." W/900327 ltr WILLIS,J.L. Niagara Mohawk Power Corp. 89/12/31. 5pp. 52891.106-52891.110

9003010114 Monthly operating rept for Jan 1990 for Nine Mile Point Unit 1 W/900212 ltr DAHLBERG,K., WILLIS,J.L. Niagara Mohawk Power Corp. 90/01/31. 15pp. 52781.011-52781.025.

9003270185 Monthly operating rept for Feb 1990 for Nine Mile Point Nuclear Station, Unit 1 W/900312 ltr DAHLBERG,K., WILLIS,J.L. Niagara Mohawk Power Corp. 90/02/28. 13pp. 53163.312-53163.324

9003120669 Forwards "Nine Mile Point Nuclear Station, Unit 1 Semiannual Radioactive Effluent Release Rept Jul-Dec 1989" & "Radwaste Process Control Program." WILLIS,J.L. Niagara Mohawk Power Corp. 90/03/02. Document Control Branch (Document Control Desk). 1p. 52971.110-52971.158

-9003120669 "Nine Mile Point Nuclear Station, Unit 1 Semiannual Radioactive Effluent Release Rept Jul-Dec 1989." \* Niagara Mohawk Power Corp. 89/12/31. 30pp. 52971.111-52971.140

-9003120676 Rev 3 to AP-3.7, "Radwaste Process Control Program." WILLIS,J.L. Niagara Mohawk Power Corp. 89/07/26. 18pp. 52971.141-52971.158

#### S. Reportable occurrences, LERs & related correspondence

9003020081 LER 90-091-00 on 900115, determined that source range monitor found in bypass during time that fuel was being loaded into associated core quadrant. Caused by personnel error. Source range monitor returned to unbypassed position W/900221 ltr. MONTGOMERY,G.H., WILLIS,J.L. Niagara Mohawk Power Corp. 90/02/21. 7pp. 52829.155-52829.161.

9003130593 LER 88-020-01 on 881118, discovered that potential design deficiency during design phase of mod to 125 volt direct current station batteries. Caused by inadequate sds policies & administrative controls. Hardware corrected W/900228 ltr. GRESOCK,G., WILLIS,J.L. Niagara Mohawk Power Corp. 90/02/28. 9pp. 52979.256-52979.264.

#### T. Hearing transcripts on non-antitrust matters

9001170064 Advises that US Court of Appeals for First Circuit Court agrees that NRC appropriately issued subpoena to SB Comey to protect public health & safety & not in bad faith, per encl decision. CORDES,J.F. Solicitor (Post 860701). 89/12/05. BREAU,X.J.B. Senate, Environment & Public Works. 21pp. 52320.316-52320.336

#### U. Congressional/Executive Correspondence

9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDF. PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER,M.A. New York Newsday. 18pp. 52990.252-52990.264.

-9003090375 Forwards announcement that util has agreed to pay reduced fine of \$215,000 to NRC for violations identified in operation of plant W/o encl. KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/03/23. UDALL,M. House of Rep., Interior & Insular Affairs. MOFFETT,T., OTTINGER,R. House of Rep. 1p. 52990.274-52990.274.

-9003120104 Forwards correspondence re status of emergency planning around sites W/o encl. KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/08/28. OTTINGER,R.L. House of Rep., Energy & Commerce. MOFFETT,T. House of Rep. 1p. 52990.298-52990.298.

-9003120699 Forwards announcement that NRC has cited util for three alleged violations of certain Tech Specs in OL. KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/10/07. OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 3pp. 52991.036-52991.038

-9003130182 Forwards announcement that NRC has cited util for alleged violations at facility W/o encl. KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/03/21. OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.055-52991.055.

#### DOCKET 50-223 UNIV. OF LOWELL RESEARCH REACTOR

##### Q. Inspection reports, IE Bulletins & correspondence

9003270057 Forwards Exam Rept 50-223/90-01OL administered on 900307. Written exam questions & preliminary findings discussed w/ members of reactor staff. GALLO,R.M. Region 1, Ofc of the Director. 90/03/16. BEGHIAN,L.E. Lowell, Univ. of, Lowell, MA. 2pp. 53164.189-53164.228.

-9003270066 Exam Rept 50-223/90-01OL on 900307 Exam results: cand. date passed both sections of exam. WALLACE,D., ESELGROTH,P.W. Region 1, Ofc of the Director. 90/03/16. 38pp. 53164.191-53164.228

##### V. Operator Examinations

9003270057 Forwards Exam Rept 50-223/90-01OL administered on 900307. Written exam questions & preliminary findings discussed w/ members of reactor staff. GALLO,R.M. Region 1, Ofc of the Director. 90/03/16. BEGHIAN,L.E. Lowell, Univ. of, Lowell, MA. 2pp. 53164.189-53164.228.

-9003270066 Exam Rept 50-223/90-01OL on 900307 Exam results: candidate passed both sections of exam. WALLACE,D., ESELGROTH,P.W. Region 1, Ofc of the Director. 90/03/16. 38pp. 53164.191-53164.228.

#### DOCKET 60-237 DRESDEN NUCLEAR POWER STATION, UNIT 2

##### F. Security, medical, emergency & fire protection plans

9003050033 Rev 3 to EPIP EP-EOF-18, "Communicator." CARSON,R.L. Commonwealth Edison Co. 89/11/29. 22pp. 52825.068-52825.089.

9003020202 Revised DSSP procedures, consisting of Rev 2 to DSSP 100-B, Rev 2 to DSSP 100-B1 & Rev 3 to DSSP 100-A2/B2. MORRIS,D. Commonwealth Edison Co. 89/07/13. 109pp. 52800.102-52800.210

9003090071 Revised EPIPs, including Rev 4 to ED-4, Rev 7 to ED-19, Rev 3 to ED-21, Rev 5 to ED-24, Rev 5 to ED-30, Rev 2 to ED-31 & Rev 6 to ED-28. FERGUSON,B.S., JOHNSON,J.M. Commonwealth Edison Co. 90/02/21. 87pp. 52950.190-52950.288.

9003120084 Rev 1 to EPIP 300-1, "Notification for Generating Station Emergency Plan Emergencies." \* Commonwealth Edison Co. 90/02/26. 17pp. 52974.199-52974.215

9003130279 Ack receipt of 900117 ltr re proposed scope & objectives for plant annual emergency preparedness exercise on 900411. Util encouraged to expand objectives to include item addressing climate protective action recommendations. GREGER,L.R. Region 3, Ofc of the Director. 90/02/26. REED,C. Commonwealth Edison Co. 1p. 52999.243-52999.243.

9003090415 Rev 0 to EPIP 0300-02, "Initial Notifications (Primary Responsibility - Station Director)." \* Commonwealth Edison Co. 90/02/27. 20pp. 52973.094-52973.113.

9003140318 Rev 1 to Dresden Safety Shutdown Procedure DSSP 100-CR, "Control Room Evacuation/Safe Shutdown." \* Commonwealth Edison Co. 90/03/02. 58pp. 53028.257-53028.315

9003190363 Rev 1 to EPIP 300-S5, "NRC Event Notification Worksheet." \* Commonwealth Edison Co. 90/03/07. 13pp. 53050.263-53050.275.

9003200036 Forwards Rev 30 to security plan Rev withheld (ref 10CFR73.21). KOVACH,T.J. Commonwealth Edison Co. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53075.111-53075.111.

9003280130 Rev 7 to EPIP EG-2, "Use of Commonwealth Edison Co. & IDNS Monitoring Maps." W/six oversize drawings. MULKERIN,A.J. Commonwealth Edison Co. 90/03/12. 9pp. 53189.181-53189.170.

##### O. Advisory Committee on Reactor Safeguards reports & correspondence

9002280070 Submits summary of actions discussed at ACRS 353rd meeting on 890907-09, including repls & ltrs, other actions, agreements, assignments & requests & future agenda. REMICK,F.J. ACRS - Advisory Committee on Reactor Safeguards. 89/10/04. CARR,K.M. Commissioners. 2pp. 52778.010-52778.011.

##### P. Operating license stage documents & correspondence

9003060183 Forwards Amends 110 & 105 to Licenses DPR-19 & DPR-25, respectively & safety evaluation Amends revise Tech Specs, per Generic Ltr 88-16, by replacing cycle-specific operating limits w/refs to core operating limits rept. SIEGEL,B.L. Project Directorate III-2. 90/02/08. KOVACH,T.J. Commonwealth Edison Co. 4pp. 52848.351-52848.084.

-9003060186 Amends 110 & 105 to Licenses DPR-19 & DPR-25, respectively, revising Tech Specs, per Generic Ltr 88-16, by replacing cycle-specific operating limits w/refs to core operating limits rept. CRAIG,J.W. Project Directorate III-2. 90/02/08. 86pp. 52848.355-52849.080.

-9003060187 Safety evaluation supporting Amends 110 & 105 to Licenses DPR-19 & DPR-25, respectively. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 52849.081-52849.084.

9002270432 Forwards SER concluding that BWR Owners Group proposed functional criteria for post accident neutron flux monitoring as alternative to Category 1 instrumentation, per Reg Guide 1.97, unacceptable. SIEGEL,B.L., OLSHAN,L.N., PULSIFER,R.M. Project Directorate III-2. 90/02/14. KOVACH,T.J. Commonwealth Edison Co. 3pp. 52758.145-52758.158.

9002280559 Suppls 890731,0815,1030 & 1215 responses re employees notifying NRC of potential safety issues. Labor settlement agreements for util personnel did not reveal any restrictive clauses that would hinder employees from notifying NRC. RICHTER,M.H. Commonwealth Edison Co. 90/02/15. Project Directorate III-2. 2pp. 52753.307-52753.308.

9003090096 Forwards info supporting proposed extension of max assembly exposures for which 8 x 8 fuel designs have been reviewed & approved to operate in plant & advises that submittal provides justification for proposed burnup extors on SILADY J.A. Commonwealth Edison Co. 90/02/22. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 12pp. 52972.136-52972.191.

9003090099 Rev 1 to "Core Operating Limits Rept.Dresden Station Unit 2,Cycle 12." Commonwealth Edison Co. 90/02/28. 23pp. 52972.146-52972.170.

9003090101 Rev 1 to "Core Operating Limits Rept.Dresden Station Unit 3,Cycle 12." Commonwealth Edison Co. 90/02/28. 21pp. 52972.171-52972.191.

9003080154 Requests addl info re 891029 application for amend to Tech Specs,revsing pressure-temp limits per Rev 2 to Reg Guide 1.99 & removing reactor vessel venting requirement. CRAIG,J.W. Project Directorate 11-2. 90/03/01. KOVACH,T.J. Commonwealth Edison Co. 4pp. 52987.036-52987.039.

9003130545 Suppls response to NRC Bulletin 80-11 re design adequacy of safety-related masonry walls under postulated loads,per NRC 880729 request. Utk currently evaluating potential alternative mods to resolve concerns associated w/Wal 38. RICHTER,M.H. Commonwealth Edison Co. 90/03/05. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 7pp. 52995.105-52995.111.

9003150474 Notification of 900315 meeting w/uff in Rockville MD to discuss proposed mods & schedule for station blackout. SIEGEL,B.L. Project Directorate 11-2. 90/03/07. CRAIG,J.W. Project Directorate 11-2. 2pp. 63025.280-63025.291.

9003220197 Summarizes status of DCRDR mods & forwards status after Unit 3 second refuel outage Control room ceiling reconstructed to include resolutions to background noise & lighting concerns. SILADY,J.A. Commonwealth Edison Co. 90/03/13. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 9pp. 53126.083-53126.091.

9003200249 Forwards safety evaluation re procedures generation package for plants. SIEGEL,B.L. Project Directorate 11-2. 90/03/15. KOVACH,T.J. Commonwealth Edison Co. 19pp. 53071.269-53071.287.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28,Item 2.2,Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 5pp. 53195.014-53195.068.

#### Q. Inspection reports, IE Bulletins & correspondence

9003020007 Responds to concerns noted in Insp Repts 50-456/88-24, 50-457/88-24, 50-454/88-15, 50-455/88-14, 50-237/88-20, 50-249/88-21, 50-373/88-23, 50-374/88-22, 50-254/88-22, 50-265/88-22, 50-295/88-17 & 50-304/88-17. KOVACH,T.J. Commonwealth Edison Co. 90/02/15. DAVIS,A.B. Region 3, Oic of the Director. 2pp. 52798.246-52798.249.

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

9003120119 Forward's Safety Insp Rept 50-237/90-04 on 900117-20 to review circumstances surrounding 900116 reactor trip & loss of offsite power.No violations noted.Written rept re preventive maint program requested in 30 days. MILLER,H.J. Region 3, Oic of the Director. 90/02/23. REED,C. Commonwealth Edison Co. 2pp. 52973.165-52973.189.

9003120124 Insp Rept 50-237/90-04 on 900117-20.No violations or deviations noted.Weaknesses noted re operator actions during 900116 reactor scram.Major areas inspected reactor scram & loss of offsite power on 900116. MILLER,H.J. Region 3, Oic of the Director. 90/02/23. 31pp. 52973.167-52973.189.

9003120236 Forwards Safety Insp Repts 50-237/90-05 & 50-249/90-04 on 900129-0208.No violations noted. COOPER,R.W. Region 3, Oic of the Director. 90/02/27. REED,C. Commonwealth Edison Co. 2pp. 52975.147-52975.158.

9003120241 Safety Insp Repts 50-237/90-05 & 50-304/90-04 on 900129-0208.No violations noted.Major areas inspected maint & inservice testing of pumps & valves. SMITH,J.F., HUBER,M.P., DANIELSON,D.H. Region 3, Oic of the Director. 90/02/23. 10pp. 52975.149-52975.158.

9003120275 Forwards Safety Insps 50-237/90-03 & 50-249/90-03 on 900106-0220.No violations noted. SHAFER,W.D. Region 3, Oic of the Director. 90/02/27. REED,C. Commonwealth Edison Co. 2pp. 52999.036-52999.056.

9003120285 Insp Repts 50-237/90-03 & 50-249/90-03 on 900106-0220.No violations or deviations noted.Major areas inspected LERs, plant operations maint & surveillance,safety assessment/ quality verification & fitness-for-duty training. HINDS,J.M. Region 3, Oic of the Director. 90/02/27. 18pp. 52999.036-52999.056.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 88pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 96pp. 52844.001-52844.099.

9003050175 Partial response to FOIA request for records App W records encl & available in FOR. PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 880205). 90/03/01. PEPPERMAN,D.R. Blecher & Collins. 2pp. 52793.297-52794.113.

9009160653 Forwards response to IE Bulletin 78-10, "B Shock Suppressor Accumulator Spring Co's." No Bergen Pk. at Dresden,Zion,LaSalle County,Byron or Braidwood facilities. REED,C. Commonwealth Edison Co. 78/08/08. KEPPLER,J. 810228j. 10pp. 52794.104-52794.113.

9002270399 NRC Info Notice 90-013, "Importance of Review Event Logs." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 89pp. 52844.100.

9002280681 NRC Info Notice 90-014, "Accidental Disposal of Fuel." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety. Consolidated Edison Co. of New York, Inc. 88pp.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Control Directors Before Beginning Work in Agreement." CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety. Consolidated Edison Co. of New York, Inc. 85pp.

9003010227 NRC Info Notice 90-016, "Compliance W/New York State Regulations." Svc list encl. BANGART,R.L. Division of Low-Level Waste Management. 870413j. 80/03/07. Consolidated Edison Co. of New York, Inc. 52998.018.

9003010293 Suppl 2 to NRC Info Notice 89-058, "Suppliers of Fasteners." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52844.19.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity of Nuclear Components." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 104pp. 52963.09.

9003050043 NRC Info Notice 90-018, "Potential Problems With Diesel Generator Air Start Recovery Tanks." ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52963.20.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transformer." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 109pp. 52963.30.

9003230004 Forwards Safety Insp Repts 50-237/90-08 & 50-249/90-04 on 900117-20.No violations noted. GREGER,L.R. Region 3, Oic of the Director. 90/03/13. Consolidated Edison Co. 2pp. 53138.308-53138.320.

9003230006 Insp Repts 50-237/90-08 & 50-249/90-04 on 900117-20.No violations noted.Major areas inspected chemistry program, including training OA/OC program in lab & nonradiological confirmation. HOLTZMAN,R.B., SCHWABER,M.C. Region 3, Oic of the Director. 11pp. 53139.310-53139.320.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effluent Treatment at PWR Facilities." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 89pp. 52997.19.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin in Reactor." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 88pp. 53035.12.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Radwaste Incinerators." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety. Consolidated Edison Co. of New York, Inc. 91pp.

9003160306 NRC Info Notice 90-021, "Potential Failure of Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 53132.01.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Failure During Restoration of Power to Rosemont Transmitter Trip Units." ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp. 53165.01.

#### R. Periodic operating reports & related correspondence

9003050173 Semiannual radioactive effluent rept for Jul-Dec. EENIGENBURG,E. Commonwealth Edison Co. 89/12/28. 52837.242.

9002260575 Monthly operating rept for Jan 1990 for Station W/900202. PARAMORE,G.M., EENIGENBURG,E. Commonwealth Edison Co. 52748.017-52748.051.

9003090471 Forwards occupational radiation exposure portfolio for 1989. RESCEK,F. Commonwealth Edison Co. 90/02/20. DAVIS,A.B. Director. 1p. 52968.206-52968.216.

9003090477 "Number of Personnel & Person-Rem by Work Area." W/900201. EENIGENBURG,E. Commonwealth Edison Co. 89/12/31. 52837.242.

-9003090483 "Number of Personnel & Person-Rem by Work & Job Function for 1989." W/900212 Itr. BAX,R.L. Commonwealth Edison Co. 89/12/31. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52966.209-52966.210.

-9003090484 "Number of Personnel & Person-Rem by Work & Job Function for 1989." W/900202 Itr. JOYCE,T. Commonwealth Edison Co. 89/12/31. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52966.211-52966.212.

-9003090486 "Number of Personnel & Person-Rem by Work & Job Function for 1989." W/900221 Itr. DIEDERICH,G.J. Commonwealth Edison Co. 89/12/31. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52966.213-52966.214.

-9003090488 "Number of Personnel & Person-Rem by Work & Job Function for 1989." W/900205 Itr. PLENIEWICZ,R. Commonwealth Edison Co. 89/12/31. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52966.215-52966.216.

-9003090490 "Number of Personnel & Person-Rem by Work & Job Function for 1989." W/900215 Itr. QUERIO,R.E. Commonwealth Edison Co. 89/12/31. DAVIS,A.B. Region 3, Ofc of the Director. 2pp. 52966.217-52966.218.

9003200317 Monthly operating repts for Feb 1990 for Dresden Nuclear Power Station, Units 1,2 & 3. W/900301 Itr. PARAMORE,G.M., EENIGENBURG,E. Commonwealth Edison Co. 90/02/28. 41pp. 53076.030-53076.070.

#### S. Reportable occurrences, LERs & related correspondence

9003220246 Responds to Confirmatory Action Ltr CAL R111-90-01 re uhl intent to perform comprehensive root cause investigation of listed equipment problems during 900118 reactor scram event. Affected components placed in quarantine. KOVACH,T.J. Commonwealth Edison Co. 90/03/02. DAVIS,A.B. Region 3, Ofc of the Director. 12pp. 53145.212-53145.223.

#### V. Operator Examinations

9003130019 Advises that JA Hamner successfully completed all requirements for certification as operator license examiner & is qualified to perform operator licensing exams at GE BWR facilities. WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/28. PERKINS,K.E. Operator Licensing Branch. 1p. 52995.045-52995.045.

#### DOCKET 50-243 OREGON STATE UNIV. RESEARCH REACTOR

##### P. Operating license stage documents & correspondence

9003150405 "Startup Rept. Following License Amend Increasing Oregon State Univ TRIGA Reactor Max Steady-State Power From 1.0 to 1.1 MW." W/900308 Itr. JOHNSON,A.G. Oregon State Univ., Corvallis, OR. 90/03/08. 11pp. 53025.172-53025.182.

##### R. Periodic operating reports & related correspondence

9003080282 Forwards "Annual Rept of Oregon State Univ Radiation Ctr & TRIGA Reactor, Jul 1988 - June 1989." Short executive summary, highlighting Radiation Ctr activities, also encl. JOHNSON,A.G. Oregon State Univ., Corvallis, OR. 90/02/28. Document Control Branch (Document Control Desk). 2pp. 52897.218-52898.050.

-9003080286 "Annual Rept of Oregon State Univ Radiation Ctr & TRIGA Reactor Jul 1988 - June 1989." ANDERSON,T.V., DODD,B., HIGGINBOTHAM,J. Oregon State Univ., Corvallis, OR. 90/06/30. 183pp. 52897.218-52898.050.

#### DOCKET 50-244 ROBERT EMMET GINNA NUCLEAR PLANT, UNIT 1

##### F. Security, medical, emergency & fire protection plans

9003090031 Forwards request for addl info re open issues on conformance to Reg Guide 1.97, Rev 3, "Emergency Response Capability." Requested info covers Type A variables, neutron flux, containment isolation valve position & quench tank temp. JOHNSON,A. Project Directorate I-3. 90/02/20. MECREDDY,R.C. Rochester Gas & Electric Corp. 11pp. 52945.188-52945.198.

9003050078 Forwards Insp Rept 50-244/89-17 on 891212-900108 & notice of violation Associated failure of several levels of assuring quality indicates weakness in control of safety-related maint. JOHNSON,J.R. Region 1, Ofc of the Director. 90/02/22. SMITH,R.E. Rochester Gas & Electric Corp. 2pp. 52823.218-52823.361.

-9003050080 Notice of violation from Insp on 891212-900108 Violations noted: safety injection sys design deficiency not promptly identified & corrected when corporate engineering notified. \* Region 1, Ofc of the Director. 90/02/22. 1p. 52823.218-52823.218.

-9003050083 Insp Rept 50-244/88-17 on 891212-900108 & 0207 Violations noted: Major areas inspected: plant operations, red ological controls, maint, surveillance, engineering/technical support, security, periodic & special repts. MCCABE,E.C. Region 1, Ofc of the Director. 90/02/15. 143pp. 52823.219-52823.361.

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed. Apps A & B documents available in PDR. PHILLIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER,M.A. New York Newsday. 18pp. 52990.252-52990.284.

-9003120104 Forwards correspondence re status of emergency planning around sites. W/o encl. KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/08/26. OTTINGER,R.L. House of Rep. Energy & Commerce. 1p. 52890.298-52890.298.

9003080324 Forwards revised emergency operating procedures, including Rev 7 to AP-CVCS. 2 Rev 4 to AP-CW.1 & Rev 6 to AP-ELEC.1. MECREDDY,R.C. Rochester Gas & Electric Corp. 90/02/27. JOHNSON,A. Project Directorate I-3. 1p. 52909.238-52910.026.

-9003080326 Rev 7 to AP-CVCS. 2. "Immediate Boration." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 9pp. 52909.239-52909.247.

-9003080327 Rev 4 to AP-CW.1. "Loss of Circulating Water Pump." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 6pp. 52909.248-52909.253.

-9003080328 Rev 6 to EP-ELEC.1. "Loss of 12A or 12B Transformer." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 14pp. 52909.254-52909.267.

-9003080329 Rev 5 to AP-ELEC.2. "Safeguard Buses Low Voltage or Sys Low Frequency." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 17pp. 52909.268-52909.284.

-9003080330 Rev 5 to AP-FW.1. "Partial or Complete Loss of Main Feedwater." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 6pp. 52909.285-52909.290.

-9003080332 Rev 4 to AP-PRZR.1. "Abnormal Pressurizer Pressure." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 9pp. 52909.291-52909.299.

-9003080333 Rev 4 to AP-RCC.1. "Continuous Control Rod Withdrawal/ Insertion." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 6pp. 52909.300-52909.304.

-9003080334 Rev 6 to AP-RCS.1. "Reactor Coolant Leak." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 9pp. 52909.305-52909.313.

-9003080335 Rev 5 to AP-RCS.2. "Loss of Reactor Coolant Flow." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 7pp. 52909.314-52909.318.

-9003080336 Rev 4 to AP-RCS.3. "Loss of Reactor Coolant Flow." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 5pp. 52909.319-52909.325.

-9003080337 Rev 7 to AP-RHR.1. "Loss of RHR." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 12pp. 52909.326-52909.337.

-9003080340 Rev 2 to AP-RHR.2. "Loss of RHR While Operating at RCS Reduced Inventory Conditions." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 12pp. 52909.338-52909.349.

-9003080341 Rev 7 to AP-SW.1. "Svc Water Leak." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 9pp. 52909.350-52909.359.

-9003080369 Rev 4 to AP-TURB.1. "Turbine Trip W/O RX Trip Required." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 7pp. 52909.359-52910.004.

-9003080371 Rev 6 to AP-TURB.2. "Automatic Turbine Runback." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 10pp. 52910.005-52910.014.

-9003080374 Rev 5 to AP-TURB.3. "Turbine Vibration." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 5pp. 52910.015-52910.019.

-9003080376 Rev 6 to AP-TURB.4. "Loss of Condenser Vacuum." WIDAY,J.A. Rochester Gas & Electric Corp. 90/02/23. 7pp. 52910.020-52910.026.

9003120298 Forwards response to Generic Ltr 90-01 request for voluntary participation in NRC regulatory impact survey re amount of time spent responding to various insps & audits. MECREDDY,R.C. Rochester Gas & Electric Corp. 90/02/28. Information & Records Management Branch (Post 890827). 11pp. 52974.058-52974.069.

9003160298 Forwards Safety Insp Rept 50-244/90-02 on 900108-0220 & notice of violation Violation re method for verifying position of steam admission check valves in auxiliary feedwater sys questioned by Inspector in Dec 1989. JOHNSON,J.R. Region 1, Ofc of the Director. 90/03/09. MECREDDY,R. Rochester Gas & Electric Corp. 2pp. 53039.224-53039.237.

-9003180304 Insp Rept 50-244/90-02 on 900109-0220 Violation noted: Major areas inspected: operating activities, radiological controls, maint, surveillance, security & periodic & special repts. MCCABE,E.C. Region 1, Ofc of the Director. 90/03/07. 11pp. 53038.227-53038.237.

##### P. Operating license stage documents & correspondence

9002260451 Discusses turbine driven auxiliary feedwater sys steam admission check valves, per 900128 telcon. Detailed discussion of previous, current & future efforts re check valves encl. MECREDDY,R.C. Rochester Gas & Electric Corp. 90/02/15. JOHNSON,A.R. Project Directorate I-3. 4pp. 52711.135-52711.138.

9002260466 Forwards chronological listing of all correspondence between Commission & ull re CRDR alarm mod Control room annunciator alarm does not meet all human factor guidelines for alarm sys. MECREDDY,R.C. Rochester Gas & Electric Corp. 90/02/15. JOHNSON,A.R. Project Directorate I-3. 3pp. 52726.252-52726.254.

9002280529 Provides changes in inservice test program, correcting typos, complying w/ Generic Ltr 88-04 & requesting relief from expected test frequency. MECREDDY,R.C. Rochester Gas & Electric Corp. 90/02/15. JOHNSON,A.R. Project Directorate I-3. 8pp. 52720.327-52720.332.

9002280459 Forwards application for amend to License DPR-18, allowing use of reconstituted fuel assemblies Amend effective at initial criticality of Cycle 20. SMITH,R.E. Rochester Gas & Electric Corp. 90/02/16. JOHNSON,A.R. Project Directorate I-3. 1p. 52711.121-52711.126.

- 9003270044 Forwards application for amend to License DPR-1 substituted fuel assemblies.  
SMITH,R.E. Rochester Gas & Electric Corp. 90/03/16. J. torate 1-3. 1p 53164.178-53164.185.
- 9003270046 Application for amend to License DPR-1 re use of reconstituted fuel assemblies.  
SMITH,R.E. Rochester Gas & Electric Corp. 90/03/15. 2p
- 9003270048 Proposed Tech Specs,allowing use of recons \* Rochester Gas & Electric Corp. 90/03/15. 5pp. 53164.178-53164.185.
- 9001140089 Generic Ltr 90-03 to all power reactor licensees of staff position in Generic Ltr 83-28,Item 2,Part 2, "Validated Components." Svc list encl.  
PAITLOW,J.G. Associate Director for Projects (Post 870) Ed Edison Co of New York, Inc. 55pp 53185.014-53185.015.
- Q. Inspection reports, IE Bulletins & correspondence**
- 9002270450 Ack receipt of 891228 ltr informing NRC of sta noted in Insp Rept 50-244/87-27 Actions will be examined GALL,O.M. Region 1. Ofc of the Director. 90/02/16 ME & Electric Corp. 2pp. 52759.219-52759.223
- 9002270452 Responds to violations noted in Insp Re actions procedure mods necessary to maintain integrity maccharical equipment data base developed & undergoing MECREDDY,R.C. Rochester Gas & Electric Corp. 89/12/1 Ofc of the Director. 3pp. 52759.221-52759.223.
- 9003050078 Forwards Insp Rept 50-244/89-17 on 8 violation on Associated failure of several levels of assuring control of safety-related maint  
JOHNSON,J.R. Region 1. Ofc of the Director. 90/02/22 & Electric Corp. 2pp 52823.216-52823.361.
- 9003050080 Notice of violation from Insp on 891212-9001 section sys design deficiency not promptly identified & co reering not fid  
\* Region 1, Ofc of the Director. 90/02/22. 1p. 52823.216
- 9003050083 Insp Rept 50-244/89-17 on 891212 noted Major areas inspected plant controls,maint,surveillance,engineering/technical support repts.  
MCCABE,E.C. Region 1, Ofc of the Director. 90/02/15.
- 9002160093 NRC Info Notice 90-010, "Primary Water Str conel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment Consolidated Edison Co of New York, Inc. 99pp. 52776.7
- 9003020138 Responds to violations noted in Insp Re actions operations & maint personnel received "A" pro A-1400, "Independent Verification," requirements.  
MECREDDY,R.C. Rochester Gas & Electric Corp. 90/02/ Ofc of the Director. 8pp. 52785.040-52785.040.
- 9003130567 Responds to concern noted in Insp Rept longer allowed to eat & drink in chemistry lab areas  
MECREDDY,R.C. Rochester Gas & Electric Corp. 90/02/ Ofc of the Director. 2pp. 53015.037-53015.038.
- 9002230283 NRC Info Notice 90-011, "Maint Deficiency A ated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment Consolidated Edison Co of New York, Inc. 99pp. 52776.7
- 9002230379 NRC Info Notice 90-012, "Monitoring or Inte ons." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment Consolidated Edison Co of New York, Inc. 99pp. 52844.1
- 9003120298 Forwards response to Generic Ltr 90-011 req in NRC regulatory impact survey re amount of time spe & audits.  
MECREDDY,R.C. Rochester Gas & Electric Corp. 90/0 Management Branch (Post 890827). 11pp. 52974.058-52974.069.
- 9002270399 NRC Info Notice 90-013, "Importance of Re Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment Consolidated Edison Co of New York, Inc. 99pp. 52844.1
- 9002280081 NRC Info Notice 90-014, "Accidental Dispos list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical 90/03/08. Consolidated Edison Co. of New York, Inc. 8
- 9003190171 Ack receipt of 900228 ltr informing NRC of sta noted in Insp Rept 50-244/80-01.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/03/ & Electric Corp. 2pp. 53047.359-53047.362.
- 9003010172 NRC Info Notice 90-015, "Reciprocity-Notific ation Control Directors Before Beginning Work in Agr CUNNINGHAM,R.E. Division of Industrial & Medical 90/03/07. Consolidated Edison Co. of New York, Inc. 9
- 9003010227 NRC Info Notice 90-016, "Compliance W Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Manager 870413j. 90/03/07. Consolidated Edison Co. of New York, Inc. 9

9003010293 Suppl 2 to NRC Info Notice 90-059, "Suppliers of Potentially Misrepresented Fasteners." Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07  
Consolidated Edison Co. of New York, Inc. 10pp 52844 199-52844 298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves." Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08  
Consolidated Edison Co. of New York, Inc. 10pp 52963 036-52963 199.

9003050043 NRC Info Notice 90-016, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 10pp 52963 260-52963 298.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 10pp 52963 300-52964 048.

9003160299 Forwards Safety Insp Rept 50-244/90-02 on 900109-0220 & notice of violation re method for venting position of steam admission check valves in auxiliary feedwater sys questioned by inspector in Dec 1989  
JOHNSON, A.R. Region 1, Ofc of the Director 90/03/09 MECHREY, R. Rochester Gas & Electric Corp. 2pp 53019 224-53039 237

9003160301 Notice of violation from Insp on 900103-0220 Violation noted condition adverse to quality not promptly corrected on 900125 when personnel failed to adequately verify position of two steam admission valves for auxiliary feedwater pump  
Region 1, Ofc of the Director 90/03/09 1p 53039 226-53039 226

9003160304 Insp Rept 50-244/90-02 on 900109-0220 Violation noted Major areas inspected operating activities radiological controls, maintenance, security & periodic & special reports  
MCCABE, E.C. Region 1, Ofc of the Director 90/03/07 1pp 53039 227-53039 237

9003270136 Clarifies commitment in 890724 ltr re NRC Bulletin 88-004, "Potential Safety Related Pump Loss." Implementation of phase mod to reduce potential for long-term accelerated wear due to low flow operation in stated testing delayed  
MECHREY, R.C. Rochester Gas & Electric Corp. 90/03/12 JOHNSON, A.R. Project D, radiolater I-3. 2pp 53163 325-53163 326.

9003270203 Forwards Rev 2 to EWR 4898, "Design Criteria Ginna Station Steam Generator Containment Penetration," in support of unit proposed mod to allow routing of steam generator insp/maint cabling into containment license amend will be submitted  
MECHREY, R.C. Rochester Gas & Electric Corp. 90/03/13 JOHNSON, A.R. Project D, radiolater I-3. 2pp 53164 002-53164 099

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vent for Containment Recirculation Spray at PWR Facilities." Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc. 9pp 52997 190-52997 287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Blow." Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20  
Consolidated Edison Co. of New York, Inc. 9pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc ltr encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 9pp 53166 057-53166 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 10pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trp Units." Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 10pp 53185 007-53185 108

#### R. Periodic operating reports & related correspondence

9003130570 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989." W/ 900301 ltr  
MECHREY, R.C. Rochester Gas & Electric Corp. 89/12/31. 26pp 53014 301-53014 325.

9002270208 Monthly operating rept for Jan 1990 for RE Ginna W/900215 ltr  
DODGE, R.E., MECHREY, R.C. Rochester Gas & Electric Corp. 90/01/31 5pp 52768 098-52768 103

9003220194 Monthly operating rept for Feb 1990 for RE Ginna Nuclear Power Plant W/ 900315 ltr  
DODGE, R.E., MECHREY, R.C. Rochester Gas & Electric Corp. 90/02/28 5pp 53126 092-53126 096

#### S. Reportable occurrences, LERs & related correspondence

9002220345 Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach, Unit 1. Licensee analysis indicates that single failure of switch can block low pressure pressure or low steam line pressure signal  
NOVAK, T.M. Division of Safety Programs (Post 870411) 7pp 52718 080-52718 069.

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDF.  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/28 WEBER, M.A. New York Newsday. 18pp 52890 252-52890 284.

9003120344 Forwards announcement that plant shut down after steam generator tube rupture on 820126 W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 82/01/26 OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p 52990 320-52990 320.

9003120441 Forwards introduction including executive summary & significant findings from NRC rept on 820125 steam generator tube rupture at facility D'Amato 820430 response to town of Riverhead 820412 petition re plant encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 82/04/21 OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 4pp 52990 351-52990 354

9003270020 Special rept on 900213, Inoperable fire damper 1-411-21-P found Caused by improper damper installation Replacement damper in procurement process & will be installed by Jul 1990.  
MECHREY, R.C. Rochester Gas & Electric Corp. 90/03/16 RUSSELL, W.T. Region 1, Ofc of the Director. 2pp 53164 120-53164 121

#### U. Congressional/Executive Correspondence

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDF.  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/28 WEBER, M.A. New York Newsday. 18pp 52990 252-52990 284

9003120104 Forwards correspondence re status of emergency planning around sites W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/08/26 OTTINGER, R.L. House of Rep. Energy & Commerce. 1p 52990 298-52990 298.

9003120344 Forwards announcement that plant shut down after steam generator tube rupture on 820126 W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 82/01/26 OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p 52990 320-52990 320.

9003120441 Forwards introduction including executive summary & significant findings from NRC rept on 820125 steam generator tube rupture at facility D'Amato 820430 response to town of Riverhead 820412 petition re plant encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 82/04/21 OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 4pp 52990 351-52990 354.

9003120455 Forwards announcement that NRC has issued draft safety assessment of plant W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 82/06/16 SIMPSON, A. Senate. 1p 52990 355-52990 355.

9003120509 Forwards ACRS rept re systematic evaluation program review of plant W/ o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 82/08/23 D'AMATO, A., MOYNIHAN, D. Senate. HORTON, F. House of Rep. 1p 52991 005-52991 005.

9003120570 Forwards announcement that NRC has issued final safety assessment of plant W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 83/02/15 OTTINGER, R.L. House of Rep. Energy & Commerce. 1p 52991 020-52991 020.

9003120716 Forwards announcement that NRC has published SER re plant  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 83/10/27 OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 2pp 52991 040-52991 041.

9003120726 Forwards announcement that NRC will hold technical meeting to discuss application of UOI for full-term OL for plant W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 83/10/28 D'AMATO, A. Senate. 1p 52991 042-52991 042.

9003130072 Forwards announcement that NRC considering issuance of full-term OL to util for operation of plant.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 83/12/14 OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 3pp 52991 048-52991 048.

9003130390 Forwards announcement that NRC issued full-term OL to util for operation of facility W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 84/12/10 OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p 52991 073-52991 073

#### V. Operator Examinations

9003140428 Forwards results of generic fundamentals exam section of written operator licensing exam administered on 900207, including answer keys, grading results for facility & individual answer sheets for each examinee  
GALLO, R.M. Region 1, Ofc of the Director. 90/03/05. CARROLL, R. Rochester Gas & Electric Corp. 87pp 53017 190-53017 276.

#### DOCKET 50-246 MILLSTONE NUCLEAR POWER STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002220485 Executed Rev 9 to EPIP Form 4701-4, "Reportability." Initial submittal d. s. Submitted w/o signature  
SCALES, S. Northeast Utilities. 90/02/09. 18pp 52706 018-52706 035.

9003160058 Rev 9 to EPIP Form 4701-4, "Reportability."  
SCALES, S. Northeast Nuclear Energy Co (subs. of Northeast Utilities). 90/02/09. 22pp 53040 143-53040 164.

NEDO-3133 "Emergency Procedure Guidelines & response to NRC Bulletin 88-097 Suppl 1.  
SISCO, C.E. CONTER Region 1, Oic of the Director 90/02/21. 13pp. 52800.334.  
52600.345

9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 690205) 90/02/26 WEBER, M.A. New York Newsday. 18pp. 52990.252-52990.284

-9003130577 Requests NRC consideration of and constituent JM McHugh 891227 ltr to A D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr NRC 820212 press release citing operators at eight plants for emergency planning violations also encl  
D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs. 7pp. 52991.121-52991.172

9003140291 Forwards Safety Insp Rept 50-245/89-27 on 891205-900108 Six previously unresolved items closed.  
WENZINGER, E.C. Region 1, Oic of the Director. 90/02/27. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 2pp. 53018.034-53018.058

-9003140293 Insp Rept 50-245/89-27 on 891205-900108 Weakness noted re performance of containment isolation valve surveillance testing Major areas inspected plant operations, surveillance, maint, security & radiological controls.  
HAVERKAMP, D.R. Region 1, Oic of the Director. 90/02/26. 23pp. 53018.036-53018.058.

9003160080 Revised EPIPs, including Rev 6 to EPIP 4301, Rev 8 to EPIP 4610 & Rev 5 to EPIP 4613.  
SCACE, S. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 90/03/08 34pp. 53049.169-53049.222.

#### P. Operating license stage documents & correspondence

9002260062 Forwards SER on NEDO-31558, concluding that alternatives proposed by BWR Owners Group unacceptable & requesting that BWR plants install neutron flux monitoring instrumentation in compliance w/Criteria 1 to Reg Guide 1.97.  
BOYLE, M.L. Project Directorate I-4 90/02/13 MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 2pp. 52711.144-52711.151.

-9002080254 Forwards SER concluding that GE NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys," submitted by BWR Owners Group 880401 ltr, unacceptable. Environ qualification of equipment required.  
MIRAGLIA, F.J. Associate Director for Inspection & Technical Assessment (Post 870411) 90/01/29 FLOYD, S.D. BWR Owners Group. 1p. 52711.146-52711.146.

-9002080258 Safety evaluation of NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys," concluding that proposed functional criteria for monitoring instrumentation unacceptable.  
\* NRC - No Data/ed Affiliation Given 90/01/29. 5pp. 52711.147-52711.151.

9002280566 Ack receipt of listed invoices for costs incurred during routine reviews of plant.  
MROCZKA, E.J. Northeast Utilities. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 90/02/16. Document Control Branch (Document Control Desk) 2pp. 52722.086-52722.087.

9003060288 Advises that payment of 10CFR170 fees for Invoice 10677 will be forwarded to Oic of Resource Mgt.  
MROCZKA, E.J. SEARS, C.F. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 90/02/23. Document Control Branch (Document Control Desk). 1p. 52855.350-52855.350.

9003060295 Clarifies NRC understanding of w/ 891030 response to Generic Ltr 89-16, "Installation of Hardened Wetwell Vent" Util actually proposed to schedule installation in accordance w/ Issue Specific Action Plan Topic 1.113.  
MROCZKA, E.J. SEARS, C.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) MROCZKA, E.J. Northeast Utilities. 90/02/23. Document Control Branch (Document Control Desk) 2pp. 52851.136-52851.137.

9003020259 Notification of 900305 meeting w/util in Rockville, MD to discuss status of licensing activities for facility.  
JAFFE, D.H. Project Directorate I-4 90/02/26. STOLZ, J.F. Project Directorate I-4. 4pp. 52789.111-52789.114.

9003080471 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Approx two NRC team insps conducted at facilities each yr. Two SSFIs conducted in 1988.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) MROCZKA, E.J. Northeast Utilities. 90/03/01. Document Control Branch (Document Control Desk). 38pp. 52893.135-52893.173.

9003140150 Requests explanation how existing LPCI related buses are designed differently from BWRs employing swing bus design & still satisfies criteria during single failure.  
BOYLE, M.L. Project Directorate I-4. 90/03/02. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 53001.060-53001.082.

9003140069 Generic Ltr 90-03 to all power reactor licensees of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Validated Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411) Edson Co. of New York, Inc. 55pp. 53195.014-53195.066

#### O. Inspection reports, IE Bulletins & correspondence

9003010144 Notification of Enforcement Conference 90-18 on Prussia, PA re transportation violation.  
HAVERKAMP, D.R. Region 1, Oic of the Director. 90/02/13. rector. 2pp. 52815.333-52815.334.

9002260236 Forwards interim evaluation & request for additional 891023-27 insp of emergency operating procedures Actions/evaluations.  
BOYLE, M.L. Project Directorate I-4. 90/02/15. MROCZKA, E.J. Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 7pp. 52748.083-52748.089.

9003020076 Forwards Emergency Operating Procedures & P. 50-245/89-18 on 891023-27 Deviations & deficiencies noted procedures Mgt meeting scheduled for 900301 in Region 1 ltr.  
GALLO, R.M. Region 1, Oic of the Director. 90/02/21. MROCZKA, E.J. Nuclear Energy Co. (subs. of Northeast Utilities) 2pp. 52800.033

-9003020078 Insp Rept 50-245/89-18 on 891023-27 Unres. areas inspected, review of selected deviations from Rev NEDO-31331, "Emergency Procedure Guidelines" & response 007, Suppl 1.  
SISCO, C.E. CONTER Region 1, Oic of the Director. 90/02/26. 34pp. 52800.346.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Test 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 89pp. 52776.282

9003090316 Forwards Enforcement Conference Repts 50-245/423/90-03 on 900220. Conference gives opportunity to findings & discuss short & long term corrective actions for violation.  
KNAPP, M.R. Region 1, Oic of the Director. 90/02/26. MROCZKA, E.J. Nuclear Energy Co. (subs. of Northeast Utilities) 3pp. 52954.333

-9003090326 Enforcement Conference Insp Repts 50-245/423/90-03 on 900220. Major areas discussed shipment of uranium fuel.  
FURIA, J. BORES, R. Region 1, Oic of the Director. 90/02/26. 52954.359.

9003090324 Partial response to FOIA request for documents enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 690205) 90/02/26. WEBER, M.A. New York Newsday. 18pp.

-9003130577 Requests NRC consideration of and constituent ltr to A D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr NRC 820212 press release citing operators at eight plants for emergency planning violations also encl.  
D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs. 7pp. 52991.121-52991.172.

9003070316 Discusses Safety Insps 50-245/89-23, 50-336/89006-1020 & 891128-900104 & forwards notice of violation.  
WENZINGER, E.C. Region 1, Oic of the Director. 90/02/27. Nuclear Energy Co. (subs. of Northeast Utilities) 2pp. 52888.380-52888.380.

-9003070323 Notice of violation from insp on 890906-1020 & 891128-900104 noted licensee shipped box with limited quantity of radioactive material radiation level on bottom of box greater than 0.5 mrem/hr.  
\* Region 1, Oic of the Director. 90/02/27. 1p. 52888.380-52888.380.

9003140291 Forwards Safety Insp Rept 50-245/89-27 on 891205-900108 Six previously unresolved items closed.  
WENZINGER, E.C. Region 1, Oic of the Director. 90/02/27. Nuclear Energy Co. (subs. of Northeast Utilities) 2pp. 53018.034-53018.058.

-9003140293 Insp Rept 50-245/89-27 on 891205-900108 Weakness noted re performance of containment isolation valve surveillance testing Major areas inspected plant operations, surveillance, maint, security & radiological controls.  
HAVERKAMP, D.R. Region 1, Oic of the Director. 90/02/26. 23pp. 53018.036-53018.058.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Assessment of Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 89pp. 52776.282

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844-089.

9003080471 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Approx two NRC team insps conducted at facilities each yr. Two SSFIs conducted in 1988.  
MROCKA,E.J. Connecticut Yankee Atomic Power Co. 90/03/01. Document Control Branch (Document Control Desk) 39pp. 52893-135-52893-173.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/05. Consolidated Edison Co. of New York, Inc. 98pp. 52844-100-52844-198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52987-001-52987-084.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52987-005-52987-189.

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52998-010.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresent or Fastenors." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-188-52844-298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-096-52963-199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/00. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-290.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52964-048.

9003200417 Responds to NRC 900202 ltr re violations noted in Insp Rept 50-245/89-21. Corrective actions now. Stores Instruction ST-013, "Mail Storage Requirements" developed to provide add guidance to stores personnel.  
MROCKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKA,E.J. Northeast Utilities 90/03/12. RUSSELL,W.T. Region 1, Oic of the Director 5pp. 53077-194-53077-199.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

9003230109 Responds to NRC 900119 ltr re violations noted in Insp Repts 50-245/89-25 & 50-338/89-23. Corrective actions: plant check valve design review completed & results factored into development of enhanced preventive maint procedures.  
MROCKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKA,E.J. Northeast Utilities 90/03/16. Document Control Branch (Document Control Desk) 2pp. 53147-024-53147-025.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-128-53035-228.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168-057-53168-147.

9003180308 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53185-007-53185-108.

#### R. Periodic operating reports & related correspondence

9003060301 "Haddam Neck Plant & Millstone Station Units 1, 2 & 3 Annual Rept for 1989." W/900221 ltr.  
MROCKA,E.J. Connecticut Yankee Atomic Power Co. MROCKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKA,E.J. Northeast Utilities 89/12/31. 547pp. 52849-289-52851-126.

9003150272 "Semi-annual Radioactive Effluents Rept for Jul-Dec 1989." W/900228 ltr.  
MROCKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKA,E.J. Northeast Utilities 89/12/31. 94pp. 53028-001-53028-084.

9003160204 Forwards Jan 1990 monthly operating rept corrections & Feb 1990 monthly operating rept for Millstone Unit 1.  
SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities 90/03/08. Document Control Branch (Document Control Desk) 1p. 53041-147-53041-162.

-9003160215 Corrected monthly operating rept for Jan 1990 for Millstone Unit 1.  
NEWBURGH,G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 90/01/31. 1p. 53041-148-53041-148.

-9003160218 Monthly operating rept for Feb 1990 for Millstone Unit 1.  
NEWBURGH,G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 90/02/20. 4pp. 53041-149-53041-152.

#### S. Reportable occurrences, LERs & related correspondence

9002220640 Forwards LER info rept re high dose rate radioactive mat's shipment to Duane Arnold Energy Ctr on 900110 & advises that event described n end not reportable per 10CFR50.73.  
SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities 90/02/08. Document Control Branch (Document Control Desk) 6pp. 52718-026-52718-031.

9003020085 LER 89-001-00 on 900126, determined that 1 h roving fr patrol established on 900125 for two nonfunctional fire barriers penetrations not consistent w/ requirements of Tech Spec 3.12 F.2. Caused by personnel error. W/900223 ltr.  
MURPHY,K.E. SCACE,S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE,S.E. Northeast Utilities 90/02/23. 3pp. 52829-146-52829-148.

9003130605 LER 89-022-01 on 891117, engineering analysis indicated that feedwater coolant injection sys may be required to deliver flow in excess of flow pump capabilities during LOCA Sys declared inoperable Design change initiated. W/900228 ltr.  
ABOLAFIA,E. SCACE,S.E. STETZ,J.P. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 90/02/28. 6pp. 52998-040-52998-045.

#### DOCKET 50-247 INDIAN POINT STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002202234 Forwards response to 891226 notice of violation & proposed imposition of civil penalty based on Insp Rept 50-247/89-17 re emergency preparedness. Mitigation of civil penalty requested.  
BRAMS,S.B. Consolidated Edison Co. of New York, Inc. 90/01/25. Oic of Enforcement (Post 870413) 2pp. 53046-097-53046-132.

-9002020239 Statement in reply & answer to 891226 notice of violation & proposed imposition of civil penalty. Licconso finds Dec 1988 changes to emergency plan to satisfy sids of 10CFR50.47(b) & requirements of 10CFR50, App E.  
QUINN,S.E. Consolidated Edison Co. of New York, Inc. 90/01/25. 34pp. 53046-099-53046-132.

9002260154 Forwards Insp Rept 50-247/89-23 on 891114-900101. No violations noted.  
LINVILLE,J.C. Region 1, Oic of the Director. 90/02/14. BRAMS,S. Consolidated Edison Co. of New York, Inc. 2pp. 52727-022-52727-040.

-9002260162 Insp Rept 50-247/89-23 on 891114-900101. No violations noted. Major areas inspected backshift insp of listed on-site activities.  
COWGILL,C.J. Region 1, Oic of the Director. 90/02/13. 17pp. 52727-024-52727-040.

9002270428 Forwards Safety Insp Rept 50-247/90-03 on 900128-0201. No violations or deviations noted.  
BELLAMY,R.R. Region 1, Oic of the Director. 90/02/20. BRAMS,S. Consolidated Edison Co. of New York, Inc. 2pp. 52748-099-52748-112.

-9002270429 Insp Rept 50-247/90-03 on 900129-0201. No violations or deviations noted. Major areas inspected changes to emergency preparedness program, facilities, equipment, instrumentation & supplies & mgt oversight & control.  
VITO,D. FOX,E. LAZARUS,W.J. Region 1, Oic of the Director. 90/02/15. 12pp. 52748-101-52748-112.

9003090324 Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26. WEBER,M.A. New York Newsday. 16pp. 52990-262-52990-284.

-9003090386 Ack receipt of 810318 ltr re emergency radiological response plan to be adopted by NRC & FEMA for facility.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413) 81/03/26. D'AMATO,A. Senate. 1p. 52990-275-52990-275.

-9003120104 Forwards correspondence re status of emergency planning around sales. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413) 81/08/26. OTTINGER,R.L. House of Rep., Energy & Commerce. 1p. 52990-298-52990-298.

-9003120492 Forwards FEMA rept re inadequate State of NY & local emergency response plans in vicinity of plant. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413) 82/08/04. OTTINGER,R.L. House of Rep., Energy & Commerce. 1p. 52991-001-52991-001.

-9003120846 Forwards announcement that NRC will consider comments from public & parties to separate proceeding in determining whether plants should be shutdown because of emergency planning deficiencies. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413) 83/05/13. OTTINGER,R.L. House of Rep., Energy & Commerce. MARKEY,E. House of Rep. MOYNIHAN,D. Senate. 1p. 52991-030-52991-030.

-9003130577 Requests NRC consideration of encl constituent JM McHugh 891227 ltr to A. D'Amato forwarding St. Lawrence Environ Mgt Council 891215 ltr. NRC 820212 press release citing operators at eight plants for emergency planning violations & so encl.  
D'AMATO,A.M. Senate. 90/01/24. KAMMERER,C. Congressional Affairs. 7pp. 52991-121-52991-172.



## H. General correspondence

- 9003090324 Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDR PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26 WEBER, M.A. New York Newsday. 16pp. 52990:252-52990:284.
- 8806130251 Responds to Mr. transmitting D. Rota 850322 Mr. re concerns about public safety around facility. Discretionary order, adjudicatory hearing concluded risks no greater than other facilities. NGRAM, F. Office of Public Affairs (Pre 870413). 86/05/30 D'AMATO, A. Senate. 3pp. 52991:099-52991:100.
- 9003090403 Forwards citizen 810321 Mr. for consideration & response within 4 wks of receipt of request. D'AMATO, A. Senate. 81/04/07 NRC - No Detailed Affiliation Given. 3pp. 52990:279-52990:281.
- 9003090469 Ack receipt of 810407 Mr. on behalf of constituent M. Wager expressing concern re resumption of operations at facility. NRC issued order on 800530 re discretionary adjudication of Issues Order and 810168 and W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/05/15 D'AMATO, A. Senate. 1p. 52990:290-52990:290.
- 9003090473 Advises that NRC equally divided over appointment of chairman for plant hearing board per W. Dircks 810508 Mr. re resident concerns about emergency plans under development. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/05/20 D'AMATO, A. Senate. 1p. 52990:291-52990:291.
- 9003090486 Requests NRC consideration of encl. constituent PA Powers 810416 Mr. D'AMATO, A. Senate. 81/05/28 NRC - No Detailed Affiliation Given. 2pp. 52990:292-52990:293.
- 9003090503 Ack receipt of 810528 Mr. on behalf of constituent concern re resumption of operations at facility. NRC issued order re intent to hold discretionary adjudication for resolution of safety issues on 800530 Order and 810108 and W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/06/24 D'AMATO, A. Senate. 2pp. 52990:294-52990:295.
- 9003120480 Requests NRC consideration of encl. constituent Mr. D'AMATO, A. Senate. 82/07/28 NRC - No Detailed Affiliation Given. 3pp. 52990:357-52990:359.
- 9003120499 Responds to 820723 Mr. on behalf of R. Arrunzale concerns re safe operation of facility & status of emergency planning in area. FEMA assistance and courses in planning process & remedial action implementation. W/related into W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/19 D'AMATO, A. Senate. 2pp. 52991:003-52991:004.
- 9003120632 Ack receipt of 830502 Mr. transmitting correspondence from J. Riel of Mohagan Lake, NY re possible unsafe conditions at facility. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/05/10 D'AMATO, A. Senate. 1p. 52991:028-52991:028.
- 9003120734 Ack receipt of Mr. transmitting correspondence from AE Krewer of Brooklyn, NY re evacuation plans at plant. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/11/10 D'AMATO, A. Senate. 1p. 52991:043-52991:043.
- 9003130569 Requests NRC consideration of encl. constituent M. Branish 870728 Mr. D'AMATO, A. Senate. 87/07/30 NRC - No Detailed Affiliation Given. 2pp. 52991:114-52991:115.
- 9003130571 Ack receipt of 870730 Mr. on behalf of constituent M. Branish re plant. Response will be forwarded. BRADBURN, J.C. Congressional Affairs. 87/08/26 D'AMATO, A. Senate. 1p. 52991:116-52991:116.
- 9003190110 Final response to FOIA request for documents. Forwards App D documents App C documents available in PDR Portions of App E documents withheld (ref FOIA Exemption 6). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/03/08 WEBER, M.A. New York Newsday. 5pp. 53005:398-53006:004.
- 8401120584 Responds to 830320 Mr. re evacuation from plant during severe weather conditions. FEMA, not NRC, responsible for assessing adequacy of offsite emergency planning. Mr. forwarded to FEMA for response. DIRKS, W.J. Office of the Executive Director for Operations. 83/12/23 D'AMATO, A. Senate. 1p. 53005:354-53005:355.
- 8401120571 Forwards constituent 830825 Mr. re evacuation plan during severe weather conditions. D'AMATO, A. Senate. 83/08/20 NRC - No Detailed Affiliation Given. 2pp. 53005:356-53005:357.
- 9003190119 Ack receipt of constituent Riel 830223 Mr. re plant. NRC shares Riel concerns w/foremost interest in safe operation of plant & insists on reasonable assurance of emergency preparedness. PLAIN, H.H. Office of the General Counsel (Post 880701). 83/05/17 D'AMATO, A. Senate. 1p. 53005:344-53005:344.
- 9003190221 Requests NRC consideration of encl. constituent Mr. re whistle-blower protection. D'AMATO, A. Senate. 86/08/19 NRC - No Detailed Affiliation Given. 3pp. 53005:358-53005:363.
- 9003220323 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." Any utilization of NRC proposed application of Reg Guide 1.99, Rev. 2, would be inappropriate w/o re-evaluation by NRC. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 80/03/09. Docketing & Services Branch. 2pp. 53086:227-53086:228.

## O. Advisory Committee on Reactor Safeguards report

- 8910060042 Summaries 351st ACRS meeting on 89071 proposed power increase for Indian Point Unit 2 & not 10CFR21 Future agenda items listed. REMICK, F.J. ACRS - Advisory Committee on Reactor Safeguards. 3pp. 52816:009-52816:011.
- 9002230519 Comments on util. proposed power level increase in meeting on 900208-10. MICHELSON, C. ACRS - Advisory Committee on Reactor Safeguards. 2pp. 52816:007-52816:008.
- 9003140039 Agrees w/ACRS comments contained in 9002230519 level increase that NRC should ensure that power level increase since original license issued, will be met at new power level. TAYLOR, J.M. Office of the Executive Director for Operations. ACRS - Advisory Committee on Reactor Safeguards. 4pp.

## P. Operating license stage documents &amp; correspondence

- 9003050149 Forwards revised figures & description of the storage capacity increase. BRAM, S.B. Consolidated Edison Co. of New York, Inc. Branch (Document Control Desk). 11pp. 52824:030-52824:038.
- 9003020183 Notification of Significant Licensee Meeting 8 of Prussia, PA to discuss 10CFR50.59 safety evaluation. COWGILL, C.J. Region 1, Office of the Director. 90/02/14. 2pp. 52830:347-52830:348.
- 9003050015 Forwards Amend 147 to License DPR-26 & revises Tech Spec 3.3 & associated bases to provide an increasing refueling water storage tank low level alarm setpoint. BRINKMAN, D.S. Project Directorate I-1. 80/02/16. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 2pp. 52836:289-52836:300.
- 9003050019 Amend 147 to License DPR-26, providing an increasing refueling water storage tank low level alarm required concentration of sodium hydroxide in spray addition. CAPRA, R.A. Project Directorate I-1. 90/02/16. 6pp. 52836:289-52836:300.
- 9003050021 Safety evaluation supporting Amend 147 to License DPR-26. Office of Nuclear Reactor Regulation, Director (P). 52836:289-52836:300.
- 9003010463 Responds to questions raised at full ACRS 6 of Experience Subcommittee meeting re util. application of 3071.4 MWt. BRAM, S.B. Consolidated Edison Co. of New York, Inc. Project Directorate I-1. 4pp. 52766:234-52766:237.
- 9003050011 Accepts util. 900202 response to NRC Gen. Problem Affecting Safety-Related Equipment, "did 890202 of heat removal requirements should be documented in 10CFR50.59." BRINKMAN, D.S. Project Directorate I-1. 80/02/22. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 2pp. 52836:339-52836:340.
- 9003090287 Corrects figure numbers provided in 900202 capacity increase, including rack removal & installation proposed rerack. BRAM, S.B. Consolidated Edison Co. of New York, Inc. Branch (Document Control Desk). 1p. 52986:203-52986:203.
- 9003190383 Confirms J. Houlihan of Westinghouse response re steam generator U-Bend tube fatigue evaluation. Set at affected tubes. BRAM, S.B. Consolidated Edison Co. of New York, Inc. Branch (Document Control Desk). 2pp. 53050:001-53050:001.
- 9003140269 Forwards info requested by ACRS during 900202 increase in licensed thermal power. W/o encl. BRINKMAN, D.S. Project Directorate I-1. 90/03/05. ACRS - Advisory Committee on Reactor Safeguards. 2pp. 53018:185-53018:185.
- 9003270328 Forwards addl info supporting 890620 spent fuel pool storage capacity per NRC request. 890620 application remains unaffected & in full compliance. BRAM, S.B. Consolidated Edison Co. of New York, Inc. Branch (Document Control Desk). 2pp. 53193:131-53193:131.
- 9003270329 Proposed Tech Specs page revs clarifying max pool temp in Section 3.8 c 2 & associated Figure 3.8 c 2 storage pit water level. Consolidated Edison Co. of New York, Inc. 80/03/07.
- 9003160064 Forwards Amend 148 to License DPR-26 revises Tech Spec to increase rated thermal power from 3071.4 MWt to 3071.4 MWt. BRINKMAN, D.S. Project Directorate I-1. 80/03/07. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 3pp. 53080:231-53080:271.
- 9003160077 Amend 148 to License DPR-26, revising Thermal Power from 2,758 to 3,071.4 MWt. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (P). 10pp. 53080:234-53080:243.
- 9003160081 Safety evaluation supporting Amend 148 to License DPR-26. Office of Nuclear Reactor Regulation, Director (P). 53080:244-53080:271.
- 9003160374 Forwards safety evaluation on relief from 432 re repair procedure. CAPRA, R.A. Project Directorate I-1. 90/03/08. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 3pp. 53022:019-53022:024.

-9003150378 Safety evaluation re relief from ASME Code Case N-432. Licensee request to use proposed repair method constitutes compliance w/requirements of Tech Spec 4.2.2 & 10CFR50.55(g) & acceptable.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/08 3pp 53022-022-53022-024

9003160160 Forwards status of unimplemented USIs at plant per Generic Ltr 89-21 SER & SSER expected for A-44 & A-46, respectively & A-47 has now requirement.  
BRINKMAN, D.S. Project Directorate I-1. 90/03/08. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 3pp. 53042-041-53042-043

9003190030 Notification of 900314 meeting w/utl in Rockville, MD to discuss crack indications, repair methods & future insps of steam generator girth welds.  
BRINKMAN, D.S. Project Directorate I-1. 90/03/09. MURLEY, T., SNIJEZEK, J., MIRAGLIA, F. NRC - No Detailed Affiliation Given 4pp 53047-288-53047-291

9003200084 Forwards proprietary presentation mails entitled, "Inland Point Unit 2 Steam Generator Girth Weld" used during 900314 meeting in Rockville, MD Encl with hold (rel 10CFR2.790).  
JOHNSON, W.J. Westinghouse Electric Corp. 90/03/14. BRINKMAN, D.S. Project Directorate I-1. 2pp. 53069-221-53069-222

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2. "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp 53195-014-53195-069.

9003230029 Forwards correction to Amends 144, 146 & 147 to License DPR-26, revising Tech Spec Page 3-3-3 to include changes approved in earlier amends.  
BRINKMAN, D.S. Project Directorate I-1. 90/03/20. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 2pp. 53127-001-53127-004.

-9003230030 Errata to Amend 146 to License DPR-26, including changes approved in Amend 144. Reactor shall not be made critical unless spray additive tank contains at least 4,000 g of solution w/sodium hydroxide of 30% weight.  
\* NRC - No Detailed Affiliation Given 90/03/20. 1p 53127-003-53127-003

-9003230034 Errata to Amend 147 to License DPR-26, including changes approved in Amends 144 & 146. Reactor shall not be made critical unless live fan cooler filter units & two spray pump w/associated valves & piping operable.  
\* NRC - No Detailed Affiliation Given 90/03/20. 1p 53127-004-53127-004

#### Q. Inspection reports, IE Bulletins & correspondence

9002020234 Forwards response to 891226 notice of violation & proposed imposition of civil penalty based on Insp Rept 50-247/89-17 re emergency preparedness mitigation of civil penalty requested.  
BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/01/25. Ofc of Enforcement (Post 870413). 2pp. 53046-097-53046-132.

-9002020239 Statement in reply & answer to 891226 notice of violation & proposed imposition of civil penalty. Licensee finds Dec 1988 changes to emergency plan to satisfy dists of 10CFR50.47(b) & requirements of 10CFR50. App E.  
QUINN, S.E. Consolidated Edison Co. of New York, Inc. 90/01/25. 34pp 53046-099-53046-132.

9002230526 Advises that NRC considers 900125 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations" satisfactory.  
BRINKMAN, D.S. Project Directorate I-1. 90/02/13. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 2pp. 52716-263-52716-254.

9002260154 Forwards Insp Rept 50-247/89-23 on 891114-900101 No violations noted.  
LINVILLE, J.C. Region 1, Ofc of the Director. 90/02/14. BRAM, S. Consolidated Edison Co. of New York, Inc. 2pp. 52727-022-52727-040.

-9002260162 Insp Rept 50-247/89-23 on 891114-900101 No violations noted. Major areas inspected backslit Insp of listed onsite activities.  
COWGILL, C.J. Region 1, Ofc of the Director. 90/02/13. 17pp 52727-024-52727-040

9002270426 Forwards Safety Insp Rept 50-247/89-03 on 900129-0201 No violations or deviations noted.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/20. BRAM, S. Consolidated Edison Co. of New York, Inc. 2pp. 52748-090-52748-112.

-9002270429 Insp Rept 50-247/89-03 on 900129-0201. No violations or deviations noted. Major areas inspected: changes to emergency preparedness program, facilities, equipment, instrumentation & supplies & major oversight & control.  
VITO, D., FOX, E., LAZARUS, W.J. Region 1, Ofc of the Director. 90/02/15. 12pp. 52748-101-52748-112.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776-262-52776-360

9003090324 Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDF.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52900-252-52900-264

-9003090358 Forwards NRC announcement re order to util imposing fine of \$210,000 for violations concerning leakage of Hudson River water into containment bldg of facility. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/03/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-271-52990-271.

-9003120276 Forwards announcement that presiding ASLB has scheduled Jan 14-16 sessions for public participation in facility proceeding Press release dtd 811210 re alleged violations encl. W/o announcement.

-9003130128 Forwards announcement that NRC has cited util for allegedly operating facility for 1 month while w/emergency safety sys not set to work correctly if needed W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/03/14. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991-053-52991-053.

-9003130577 Requests NRC consideration of encl constituent, JM. McHugh 891227 ltr to A. D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr NRC 820212 press release citing operators at eight plants for emergency planning violations also encl.  
D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs. 7pp. 52991-121-52991-172.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Scheduled Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52776-163-52776-261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844-001-52844-099.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844-100-52844-198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 86pp. 52937-001-52937-094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52937-085-52937-169.

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52937-268-52937-018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-193-52844-290.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copositor Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-036-52963-199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-299.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mig by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 103pp. 52963-300-52963-448.

9003190030 Notification of 900314 meeting w/utl in Rockville, MD to discuss crack indications, repair methods & future insps of steam generator girth welds.  
BRINKMAN, D.S. Project Directorate I-1. 90/03/09. MURLEY, T., SNIJEZEK, J., MIRAGLIA, F. NRC - No Detailed Affiliation Given 4pp 53047-288-53047-291

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 88pp. 52937-190-52937-287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Blow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 89pp. 53035-129-53035-226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

9003160308 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

#### R. Periodic operating reports & related correspondence

9003140261 "Semiannual Effluent & Waste Disposal Rept, Second Half 1989." W/ 900228 ltr.

KRIEGER, K. Consolidated Edison Co. of New York, Inc. 90/01/31. 5pp. 52760.180-52760.184.

-9002280269 Revised page to monthly operating rept for Dec 1989 for Indian Point Unit 2  
KRIEGER, K. Consolidated Edison Co. of New York, Inc. 89/12/31. 2pp. 52760.185-52760.186.

9003270345 Monthly operating rept for Feb 1990 for Indian Point Unit 2 W/900315 ltr.  
KRIEGER, K. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 90/02/28. 6pp. 53163.336-53163.311

#### S. Reportable occurrences, LERs & related correspondence

9003210219 Summary of Operating Reactors Events Meeting 90-07 on 900314 List of attendees encl.  
FISCHER, D.C. Events Assessment Branch. 85/03/15. ROSSI, C.E. Division of Operational Events Assessment (Pcsl 870411). 13pp. 53132.133-53132.145

#### U. Congressional/Executive Correspondence

9003090324 Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PCR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 690205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52990.252-52991.172

-9003090344 Forwards announcement re public hearing on facility, for info Announcement will be mailed to news media on 810109. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/01/09. MOFFETT, T. House of Rep. Government Operations. SIMPSON, A. Senate. DINGELL, J. House of Rep. 1p. 52990.270-52990.270

-9003090358 Forwards NRC announcement re order to utl imposing fine of \$210,000 for violations concerning leakage of Hudson River water into containment bldg of facility. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/03/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990.271-52990.271

-9003090386 Ack receipt of 810316 ltr re emergency radiological response plan to be adopted by NRC & FEMA for facility.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/03/26. D'AMATO, A. Senate. 1p. 52990.275-52990.275.

-9003120104 Forwards correspondence re status of emergency planning around sites. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/08/28. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990.298-52990.298

-9003120153 Forwards press release re issuance of 810918 memorandum & order by NRC concerning facilities. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/09/21. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990.302-52990.302

-9003120258 Forwards announcement that presiding ASLB has scheduled prehearing conference on plant for 811202 in Croton-on-Hudson, NY. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/11/17. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990.313-52990.313

-9003120278 Forwards announcement that presiding ASLB has scheduled Jan 14-16 sessions for public participation in facility proceeding. Press release dtd 811210 re alleged violations encl. W/o announcement.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/12/15. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 3pp. 52990.317-52990.317.

-9003120283 Forwards preliminary rept published by NRC to determine whether practical features for mitigating consequences of core-melt accidents would contribute to plant safety at plants. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/12/17. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990.318-52990.318.

-9003120419 Forwards announcement that presiding ASLB has scheduled prehearing conference on plant. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/04/02. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990.343-52990.349.

-9003120478 Advises that NRC issued encl memorandum & order on 820727, disposing of several pleadings filed re continued operation of plants. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/07/27. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990.358-52990.358

-9003120484 Forwards Palladino revised version of statement which appended Commission 820727 order. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/07/28. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990.360-52990.360.

-9003120492 Forwards FEMA rept re inadequate State of NY & local emergency response plans in vicinity of plant. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.001-52991.001.

-9003120516 Advises that LJ Carter has resigned as administrator.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.008-52991.008.

-9003120522 Forwards memo to administrative judges in pending draft ltr rept on review & evaluation of plant probabilistic risk assessment.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.007-52991.007.

-9003120535 Forwards order issued by NRC appointing JP Carter as administrator.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.008-52991.008.

-9003120541 Forwards Commission order addressing several ASLB in facility special proceeding. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.008-52991.008.

-9003120555 Forwards announcement that NRC proposes to meet requirements. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.017-52991.017.

-9003120557 Advises that NRC issued order allowing continued operation through Mar 1993.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.018-52991.018.

-9003120563 Forwards announcement that special hearing is resuming on 830110. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.019-52991.019.

-9003120577 Forwards announcement that ASLB has scheduled prehearing conference. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.021-52991.021.

-9003120646 Forwards announcement that NRC will conduct parties to separate proceeding in determining whether plant is in compliance with emergency planning deficiencies. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.030-52991.030.

-9003120658 Forwards NRC 830610 order authorizing continued operation. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.032-52991.032.

-9003120708 Forwards ASLB 831024 recommendations re continued operation. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.039-52991.039.

-9003130114 Forwards announcement that combined subcommittee technical meeting on 840314 to discuss recommendations plant re regulatory consideration of severe nuclear accident.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.052-52991.052.

-9003130128 Forwards announcement that NRC has cited facility for 1 month while w/emergency safety systems needed. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.053-52991.053.

-9003130263 Forwards announcement that helicopter flying over plant areas will be conducting routine radiological background survey.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.061-52991.061.

-9003130336 Forwards announcement that NRC ordered utility to implement radiation protection program at plant. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/08/04. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991.068-52991.068.

#### V. Operator Examinations

9003120503 Forwards "Indian Point 2 Nuclear Power Plant Licensee Training Program Description".  
BRAM, S.B. Consolidated Edison Co. of New York, Inc. 80/01/31. 2pp. 52971.171-52971.172.

-9003120506 "Indian Point 2 Nuclear Power Plant Licensed Operator Requalification Training Program Description."  
WALSHT, JARET, R. WALSH, T. Consolidated Edison Co. of New York, Inc. 90/03/01. 29pp. 52971:173-52971:201.

## DOCKET 60-249 DRESDEN NUCLEAR POWER STATION, UNIT 3

### F. Security, medical, emergency & fire protection plans

9003050033 Rev 3 to EPIP EP-EOF-18, "Communicator"  
CARSON, R.L., GILMAN, T.R., JOHNSON, I.M. Commonwealth Edison Co. 89/11/29 22pp. 52825:088-52825:089.

9003020202 Revised DSSP procedures, consisting of Rev 2 to DSSP 100-B, Rev 2 to DSSP 100-B1 & Rev 3 to DSSP 100-A2/B2  
MORRIS, D. Commonwealth Edison Co. 90/02/13. 108pp. 52800:102-52800:210.

9003090071 Revised EPIPs, including Rev 4 to ED-4, Rev 7 to ED-19, Rev 3 to ED-21, Rev 5 to ED-24, Rev 5 to ED-30, Rev 2 to ED-31 & Rev 8 to ED-28  
FERGUSON, B.S., JOHNSON, I.M. Commonwealth Edison Co. 90/02/21. 87pp. 52850:180-52850:285.

9003120084 Rev 1 to EPIP 300-1, "Notification for Generating Station Emergency Plan Emergencies."  
\* Commonwealth Edison Co. 90/02/26. 17pp. 52974:198-52974:215.

9003130279 Ack receipt of 900117 ltr re proposed scope & objectives for plant annual emergency preparedness exercise on 900411. Ltr encouraged to expand objectives to include item addressing offsite protective action recommendations.  
GREGER, L.R. Region 3, OIC of the Director. 90/02/26. REED, C. Commonwealth Edison Co. 1p. 52999:243-52999:243.

9003090415 Rev 0 to EPIP 0300-02, "Initial Notifications (Primary Responsibility - Station Director)."  
\* Commonwealth Edison Co. 90/02/27. 20pp. 52973:094-52973:113.

9003140318 Rev 1 to Dresden Safe Shutdown Procedure DSSP 100-CR, "Control Room Evacuation/Safe Shutdown."  
\* Commonwealth Edison Co. 90/03/02. 58pp. 53029:257-53029:315.

9003190383 Rev 1 to EPIP 300-35, "NRC Event Notification Worksheet."  
\* Commonwealth Edison Co. 90/03/07. 13pp. 53050:263-53050:275.

9003200036 Forwards Rev 30 to security plan Rev withheld (rol 10CFR73.21).  
KOVACH, T.J. Commonwealth Edison Co. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53075:111-53075:111.

9003260130 Rev 7 to EPIP EG-2, "Use of Commonwealth Edison Co. & IDNS Monitoring Maps." W/ six oversize drawings.  
MOLKEIR, A.J. Commonwealth Edison Co. 90/03/12. 8pp. 53189:181-53189:170.

### P. Operating license stage documents & correspondence

9003060183 Forwards Amendments 110 & 105 to Licenses DPR-19 & DPR-25, respectively & safety evaluation on Amendments revise Tech Specs, per Generic Ltr 88-18, by replacing cycle-specific operating limits w/refs to core operating limits rept.  
SIEGEL, B.L. Project Directorate III-2. 90/02/08. KOVACH, T.J. Commonwealth Edison Co. 4pp. 52848:351-52848:084.

-9003060186 Amendments 110 & 105 to Licenses DPR-19 & DPR-25, respectively, revising Tech Specs per Generic Ltr 88-18, by replacing cycle-specific operating limits w/refs to core operating limits rept.  
CRAIG, J.W. Project Directorate III-2. 90/02/08. 86pp. 52848:355-52848:080.

-9003060187 Safety evaluation supporting Amendments 110 & 105 to Licenses DPR-19 & DPR-25, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 52849:081-52849:084.

9002270432 Forwards SER concluding that BWR Owners Group proposed functional criteria for post-accident neutron flux monitoring as alternative to Category 1 instrumentation, per Reg Guide 1.87, unacceptable.  
SIEGEL, B.L., OLSHAN, L.N., PULSIFER, R.M. Project Directorate III-2. 90/02/14. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52756:145-52756:158.

9002260559 Suppls 890731, 0815, 1030 & 1215 responses re employees notifying NRC of potential safety issues. Labor settlement agreements for unit personnel did not reveal any restrictive clauses that would hinder employees from notifying NRC.  
RICHTER, M.H. Commonwealth Edison Co. 90/02/15. Project Directorate III-2. 2pp. 52753:307-52753:308.

9003090096 Forwards info supporting proposed extension of max assembly exposures for which 8 x 8 fuel designs have been reviewed & approved to operate in plant & advises that submittal provides justification for proposed burnup extension.  
SILADY, J.A. Commonwealth Edison Co. 90/02/22. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 12pp. 52972:136-52972:191.

-9003090101 Rev 1 to "Core Operating Limits Rept., Dresden Station Unit 3, Cycle 12."  
\* Commonwealth Edison Co. 90/02/28. 21pp. 52972:171-52972:191.

9003070053 Forwards safety evaluation supporting unit 900104 proposal to continue EPR/ABB-ATOM control rod demonstration program beyond proposed three cycles of operation & to use B4C control rod w/minor cracks during Cycle 12 operation.  
SIEGEL, B.L. Project Directorate III-2. 90/03/01. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52891:111-52891:115.

-9003070056 Safety evaluation supporting unit 900104 proposal to continue EPR/ABB-ATOM control rod demonstration program beyond three cycles of operation & to use B4C control rod w/minor cracks during Cycle 12 operation.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/01. 2pp. 52891:114-52891:115.

9003080154 Requests add'l info re 891023 application for amend to Tech Specs, revising pressure-temp limits per Rev 2 to Reg Guide 1.89 & removing reactor vessel venting requirement.  
CRAIG, J.W. Project Directorate III-2. 90/03/01. KOVACH, T.J. Commonwealth Edison Co. 4pp. 52897:086-52897:099.

9003080162 Forwards FR notice of environ assessment & finding of no significant impact re 890929 request for amend to License DPR-25 to extend expiration date of license Environ assessment also encl.  
SIEGEL, B.L. Project Directorate III-2. 90/03/01. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52922:178-52922:182.

-9003080165 Notice of Issuance of environ assessment & finding of no significant impact re license 890929 proposed license amend to extend expiration date of license to 110112.  
BURGESS, B.L. Project Directorate III-2. 90/02/26. 4pp. 52922:181-52922:184.

-9003080169 Environ assessment approving license 890929 proposed amend to License DPR-25 to extend expiration date of license to 110112.  
BURGESS, B.L. Project Directorate III-2. 90/02/26. 8pp. 52922:185-52922:192.

9003130545 Suppls response to NRC Bulletin 89-11 re design adequacy of safety-related masonry walls under postulated loads, per NRC 890720 request unit currently evaluating potential alternative mods to resolve concerns associated w/Wall 3B.  
RICHTER, M.H. Commonwealth Edison Co. 90/03/05. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 7pp. 52985:105-52985:111.

9003140402 Notification of 900321 meeting w/unit in Rockville, MD to discuss facility ABB control rod failure.  
WU, S.L. Reactor Systems Branch. 90/03/05. JONES, R.C. Reactor Systems Branch. 2pp. 53018:358-53018:359.

9003150474 Notification of 900315 meeting w/unit in Rockville, MD to discuss proposed mods & schedule for station blackout.  
SIEGEL, B.L., OLSHAN, L.N. Project Directorate III-2. 90/03/07. CRAIG, J.W. Project Directorate III-2. 2pp. 53025:290-53025:291.

9003220197 Summarizes status of DCRDR mods & forwards status after Unit 3 second refuel outage. Control room ceiling reconstructed to include resolutions to background noise & lighting concerns.  
SILADY, J.A. Commonwealth Edison Co. 90/03/13. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 9pp. 53126:083-53126:091.

9003200249 Forwards safety evaluation re procedures generation package for plants.  
SIEGEL, B.L. Project Directorate III-2. 90/03/15. KOVACH, T.J. Commonwealth Edison Co. 10pp. 53071:269-53071:287.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195:014-53195:069.

### Q. Inspection reports, IE Bulletins & correspondence

9003020007 Responds to concerns noted in Insp Repts 50-456/88-24, 50-457/89-24, 50-454/88-15, 50-455/88-14, 50-237/88-20, 50-249/88-21, 50-373/88-23, 50-374/88-22, 50-254/88-22, 50-265/88-22, 50-295/88-17 & 50-304/88-17.  
KOVACH, T.J. Commonwealth Edison Co. 90/02/15. DAVIS, A.B. Region 3, OIC of the Director. 2pp. 52788:248-52788:249.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 900." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776:262-52776:360.

9003120238 Forwards Safety Insp Repts 50-237/90-05 & 50-249/90-04 on 900129-0208. No violations noted.  
COOPER, R.W. Region 3, OIC of the Director. 90/02/27. REED, C. Commonwealth Edison Co. 2pp. 52975:147-52975:158.

-9003120241 Safety Insp Repts 50-237/90-05 & 50-304/90-04 on 900129-0208. No violations noted. Major areas inspected: main & inservice testing of pumps & valves.  
SMITH, J.F., HUBER, M.P., DANIELSON, D.H. Region 3, OIC of the Director. 90/02/23. 10pp. 52975:149-52975:168.

9003120275 Forwards Safety Insps 50-237/90-03 & 50-249/90-03 on 900106-0220. No violations noted.  
SHAFER, W.D. Region 3, OIC of the Director. 90/02/27. REED, C. Commonwealth Edison Co. 2pp. 52999:036-52999:058.

-9003120285 Insp Repts 50-237/90-03 & 50-249/90-03 on 900106-0220. No violations or deviations noted. Major areas inspected: LERs, plant operations, main & surveillance, safety assessment, quality verification & fitness-for-duty training.  
HINDS, J.M. Region 3, OIC of the Director. 90/02/27. 19pp. 52999:038-52999:056.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ So'notok-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52776:163-52776:261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844:001-52844:099.

9003050175 Partial response to FOIA request for records. App W records encl & available in PDR.  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/01. PEPPERMAN, D.R. Blecher & Collins. 2pp. 52793:297-52794:103.

—8009160653 Forwards response to IE Bulletin 78-10, "Bergen-Paterson Hydraulic Shock Suppressor Accumulator Spring Coils." No Bergen-Paterson snubbers installed at Dresden, Zion, LaSalle County, Byron or Braidwood facilities.  
REED, C. Commonwealth Edison Co. 78/08/08. KEPPLER, J.G. Region III, IE (720101-810228). 10pp. 52794:104-52794:113.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844:100-52844:198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mails." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997:001-52997:084.

9003010172 NRC Info Notice 90-015, "Reciprocity/Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997:095-52997:189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997:288-52997:018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844:199-52844:298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963:096-52963:199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963:200-52963:299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963:300-52964:048.

9003230004 Forwards Safety Insp Repts 50-237/90-08 & 50-249/90-07 on 900213-16 No violations noted.  
GREGG, L.R. Region 3, Ofc of the Director. 90/03/13. REED, C. Commonwealth Edison Co. 2pp. 53138:308-53138:320.

—9003230006 Insp Repts 50-237/90-08 & 50-249/90-07 on 900213-15 No violations noted. Major areas inspected: training program, including procedures, organization & training QA/QC program in lab & nonradiological confirmatory measurements.  
HOLTZMAN, R.B., SCHUMACHER, M.C. Region 3, Ofc of the Director. 90/03/13. 11pp. 53138:310-53138:320.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997:190-52997:287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Box." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035:129-53035:226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168:057-53168:147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132:001-53132:100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165:007-53165:108.

#### R. Periodic operating reports & related correspondence

9003050173 Semiannual radioactive effluent rpt for Jul-Dec 1989. W/900228 ltr.  
EENIGENBURG, E. Commonwealth Edison Co. 89/12/31. 54pp. 52837:189-52837:242.

9002260575 Monthly operating repts for Jan 1990 for Dresden Nuclear Power Station. W/900202 ltr.  
PARAMORE, G.M., EENIGENBURG, E. Commonwealth Edison Co. 90/01/31. 35pp. 52748:017-52748:051.

9003090471 Forwards occupational radiation exposure portions of plant operating repts for 1989.  
RESCHE, F. Commonwealth Edison Co. 90/02/20. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52966:206-52966:218.

—9003090477 "Number of Personnel & Person-Hrm by Work & Job Function for 1989." W/900201 ltr.  
EENIGENBURG, E. Commonwealth Edison Co. 89/12/31. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52966:207-52966:208.

9003200317 Monthly operating repts for Feb 1990 for Dresden Nuclear Power Station. Units 1, 2 & 3. W/900301 ltr.  
PARAMORE, G.M., EENIGENBURG, E. Commonwealth Edison Co. 90/02/28. 41pp. 53078:030-53078:070.

#### S. Reportable occurrences, LEAs & related correspondence

90003070283 LER 90-012-00: on 900124, diesel generator automatic shutdown completed auto-start circuit. Caused by personnel lack of care of low resistance voltage testers communicated. W/1000220 ltr.  
RIVERA, J., EENIGENBURG, E. Commonwealth Edison Co. 90/02/27. 52895:058.

9003140404 LER 90-003-00: on 900204, partial Group II primary circuit occurred when fuse replaced, initiating automatic actuation of station. Caused by personnel error. Fuse replaced & isolation reset. W/1000220 ltr.  
FISHER, D., EENIGENBURG, E. Commonwealth Edison Co. 90/03/08. 53008:093-53008:097.

9003190263 LER 90-004-00: on 000212, unplanned Group V primary circuit occurred. Cause unknown. Isolation signal reset upon verification. Condenser line break had not occurred. W/1000309 ltr.  
WELCH, J., EENIGENBURG, E. Commonwealth Edison Co. 90/03/07. 53045:041.

9003270403 LER 90-002-00: on 900224, observed that flow indicating no flow while HPCI pump operating. Caused by failure of flow switch. Amplifier replaced. W/1000118 ltr.  
SWANSON, J.H., EENIGENBURG, E. Commonwealth Edison Co. 90/03/07. 53165:250-53165:254.

#### V. Operator Examinations

9003130018 Advises that JA Hammer successfully completed all requirements as operator license examiner & is qualified to perform operations at GE BWR facilities.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/28. PECKING, J. Licensing Branch. 1p. 52995:045-52995:045.

#### DOCKET 50-250 TURKEY POINT PLANT, UNIT 3

#### F. Security, medical, emergency & fire protection plans

9003150089 Advises that 900112 Rev 10 to physical security plan & sections of 10CFR50.54(p) & acceptable.  
CLINE, W.E. Region 2, Ofc of the Director. 90/02/27. GOLDBERG, J. & Light Co. 3pp. 53022:107-53022:100.

9003120681 Forwards Rev 20 to physical security plan. Rev withheld. 2,790(a)(3).  
HARRIS, K.N. Florida Power & Light Co. 90/03/09. Document Control (Common Control Desk). 2pp. 53013:242-53013:243.

9003210113 Forwards Insp Repts 50-250/00-03 & 50-251/00-03 on deviations or deviations noted.  
STOHR, J.P. Region 2, Ofc of the Director. 90/03/07. GOLDBERG, J. & Light Co. 3pp. 53099:346-53099:355.

—9003210119 Insp Repts 50-250/00-03 & 50-251/00-03 on 900205-4 deviations noted. Major areas inspected: emergency preparedness, select emergency kits & equipment & proposed organizational change.  
SARTOR, W.M., RANKIN, W.H. Region 2, Ofc of the Director. 53099:349-53099:355.

9003220262 Revised EPIPs, including 20101, "Outline of Emergency: 20111, "Re-Entry." W/9003114 ltr.  
CROSS, J.E., GOLDBERG, M., HARRIS, K.N. Florida Power & Light Co. 78pp. 53123:150-53123:227.

#### G. Adjudicatory correspondence

9003010043 Appellant appeal from 900116 memorandum & order (D. Intervene) & memorandum of exceptions to decision in support of intervention. Petitioner should be granted & public hearing ordered. Certificate of Svc. SAPORITO, T.J. Nuclear Energy Accountability Project. #100 0942. Safety and Licensing Appeal Panel. 18pp. 52700:093-52700:100.

9003010035 Addendum to appeal brief. \* Acceptance of addendum, contents & table of cases, statutes, regulations & other authorities of discretionary intervention to appellants requested. W/Certificate of Svc. SAPORITO, T.J. Nuclear Energy Accountability Project. #100 0941. Safety and Licensing Appeal Panel. 5pp. 52700:205-52700:209.

9003010066 Motion for clarification. \* Requests clarification on 900222: reference specifically, what is expected of petitioner in proceeding. Svc. encl.  
SAPORITO, T.J. Nuclear Energy Accountability Project. #100 0944. Safety and Licensing Board Panel. 3pp. 52699:162-52699:164.

9003010212 Memorandum & order (revised schedule). \* Lists revised case per participants agreement. W/Certificate of Svc. Served on 0002. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #100 0932. of the General Counsel (Post 860701). 2pp. 52699:336-52699:337.

9003050037 Advises that applicant & NRC will not object to extension of time for proceeding modified as listed. Certificate of Svc encl.  
FRANTZ, S.P. Florida Power & Light Co. FRANTZ, S.P. Newman & JOHNSON, E.B. Oak Ridge National Laboratory. ANDERSON, G.C. A signed. 4pp. 52730:334-52730:337.

9003050073 Motion for reconsideration of time extension. \* Petitioner reconsider 900208 request for extension of time until 900305 to file & contentions based on parties agreement. Certificate of Svc encl.  
SAPORITO, T.J. Nuclear Energy Accountability Project. #100 0900. Safety and Licensing Board Panel. 3pp. 52730:259-52730:261.

9003010047 Notice of address change.\* Requests that all future correspondence to Nuclear Energy Accountability Project be mailed to stated new address. W/Certificate of Svc. SAPORITO, R. Nuclear Energy Accountability Project. #180 9968 90/02/22. 2pp. 52700.091-52700.092.

9003050083 Requests change to svc list re mailing address for GC Anderson Certificate of Svc encl Served on 900227. MCDOOW, J. Atomic Safety and Licensing Board Panel. #180 9975 90/02/22. JULIAN, E. Docketing & Services Branch. 2pp. 52730.265-52730.266

9003010109 Intervenor's motion for extension of time to file appeal brief.\* Extension requested to file brief due to Intervenor J. Lorian involved w/family health matters W/Certificate of Svc Served on 900228. Granted for ASLAP on 900223. \* Center for Nuclear Responsibility. #180 9952 90/02/23. Atomic Safety and Licensing Appeal Panel. 3pp. 52700.056-52700.058

9003010137 Intervenor's motion for extension of time to file appeal brief.\* Requests 5-day extension until 900305 to file appeal brief due to author family health matters interfering w/ ability to meet commitments W/Certificate of Svc. LORIAN, J. Center for Nuclear Responsibility. #180 9965 90/02/23. Atomic Safety and Licensing Appeal Panel. 3pp. 52699.289-52699.291.

9003160122 Objection to order.\* Author objects to method of filing on part of petitioners, as required by order of Board. Petitioners will comply w/Board latest order & meet filing deadline of 900305 W/Certificate of Svc. SAPORITO, T.J. Nuclear Energy Accountability Project. #180 10012 90/02/27. Atomic Safety and Licensing Board Panel. 7pp. 52943.090-52943.096.

9003160053 Address correction.\* Informs of incorrect zip code assigned to Nuclear Energy Accountability Project during registration for post office box number assignment. Correct address stated W/Certificate of Svc. SAPORITO, T.J. Nuclear Energy Accountability Project. #180 10011 90/02/28. Atomic Safety and Licensing Board Panel. 2pp. 52944.220-52944.221.

9003160151 Memorandum & order.\* Board previous 900227 order modified & petitioners may file by overnight mail on that date. 900305 W/Certificate of Svc Served on 900301. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #180 9985 90/03/01. 2pp. 52943.254-52943.255

9003160071 Forwards request to participate in limited appearance session in plant proceeding scheduled for 900322. W/o encl. MOORE, J.E. Assistant General Counsel for Hearings & Enforcement. #180 10007 90/03/02. BLOCH, P.B., ANDERSON, G.C., JOHNSON, E.B. Atomic Safety and Licensing Board Panel. 1p. 52944.219-52944.219

9003160090 Petitioners amended petition for intervention & brief in support thereof.\* Petitioners should be granted intervention & hearing to address & resolve serious stated nuclear concerns. SAPORITO, T.J. Nuclear Energy Accountability Project. #180 10010 90/03/05. Atomic Safety and Licensing Board Panel. 16pp. 52944.050-52944.218.

-9003180106 Affidavit of TJ Saporito.\* Discusses concern that amends to licenses sought by applicant to revise Tech Specs will cause plant to be operated unsafely due to relaxed safety margins. W/Certificate of Svc. SAPORITO, T.J. Nuclear Energy Accountability Project. 90/02/28. 5pp. 52944.214-52944.218.

9003190038 Advises of intervenors change of address as listed. LORIAN, J. Center for Nuclear Responsibility. #180 10037 90/03/05. Office of the Secretary of the Commission. 1p. 52970.219-52970.267.

-9003190059 Ctr for Nuclear Responsibility & J. Lorian brief in support of appeal of ASLB order granting summary disposition of intervenors Contention 2 & dismissing proceeding.\* Requests that public hearing be granted W/Certificate of Svc. LORIAN, J. Center for Nuclear Responsibility. 90/03/05. 48pp. 52970.220-52970.267.

9003190085 Limited appearance session.\* Requests leave to participate in 900322 limited appearance session in Miami, FL. Certificate of Svc encl. SAPORITO, T.J. Nuclear Energy Accountability Project. #180 10050 90/03/06. Atomic Safety and Licensing Board Panel. 2pp. 52971.027-52971.028.

9003190104 Applicant response to petitioner request to make limited appearance statement.\* Request should be denied on basis of inconsistency w/ 10CFR2.715 Position can be presented at 900323 prehearing conference W/Certificate of Svc. FRANTZ, S.P. Florida Power & Light Co. FRANTZ, S.P. Newman & Holtzinger. #180 10056 90/03/09. Atomic Safety and Licensing Board Panel. 4pp. 52970.026-52970.029.

9003190106 Forwards licensee 900213 ltr re Attachment IV to 89C605 application for Tech Specs replacement amend providing addl info re open licensing issues. Certificate of Svc encl. FRANTZ, S.P. Florida Power & Light Co. FRANTZ, S.P. Newman & Holtzinger. #180 10057 90/03/09. BLOCH, P.B., ANDERSON, G.C., JOHNSON, E.B. Atomic Safety and Licensing Board Panel. 6pp. 52970.020-52970.025.

9003220089 Profusely objects to licensee counsel inquiry into author affidavit delineating hours of work at ATI Training Ctr in Miami, FL. Licensee actions appear to be hope of intimidating employer in order to terminate author employment. SAPORITO, T.J. Nuclear Energy Accountability Project. #180 10061 90/03/09. BLOCH, P.B., ANDERSON, G.C., JOHNSON, E.B. Atomic Safety and Licensing Board Panel. 4pp. 53029.022-53029.025.

9003230075 Applicant response to amended petition to intervene.\* Opposes Nuclear Energy Accountability Project & TJ Saporito 900305 amended petition due to request not satisfying applicability of Certificate of Svc encl. FRANTZ, S.P. Florida Power & Light Co. FRANTZ, S.P. Newman & Holtzinger. #180 10101 90/03/16. Atomic Safety and Licensing Board Panel. 32pp. 53051.328-53051.359.

9003230180 NRC Staff response to petitioners amended petition for leave to intervene.\* Request should be denied due to petitioners failing to meet standards of 10CFR2.714. Certificate of Svc encl. JEHL, P., MOORE, J.E. Assistant General Counsel for Hearings & Enforcement. #180 10109 90/03/19. Atomic Safety and Licensing Board Panel. 63pp. 53051.180-53051.282.

9003230174 Memorandum & order (requirements for contentions). \* Requests petitioners to be prepared to cite specific portions of documents on which were relied, per applicant & NRC responsive findings W/Certificate of Svc Served on 900320. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #180 10114 90/03/19. Office of the General Counsel (Post 860701). 3pp. 53052.321-53052.323.

9003300129 Advises that author had no hostile or coercive motives in 900307 ltr to ATI Career Training Ctr inquiring about recipient. Author intended ltr as independent verification of facts stated in pleadings. BUTLER, J.T. Florida Power & Light Co. BUTLER, J.T. Steel, Hector & Davis. #180 10146 90/03/19. SAPORITO, T.J. Nuclear Energy Accountability Project. 1p. 53155.120-53155.120.

## H. General correspondence

9003220123 Responds to 900212 ltr re constituent concerns about plant operation. Util spent millions of dollars to improve plant equipment & made widespread mgmt & operational changes. NRC does not consider plant dangerous & outdated. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/03/13. MACK, C. Senate. 8pp. 53125.331-53125.357.

-9003220131 Forwards 900116 ltr from constituents concerning operational problems at facility. MACK, C. Senate. 90/02/12. Office of Congressional Affairs (Pro 870413). 19pp. 53125.339-53125.367.

9003260177 Responds to 900116 ltr to Congressman H. Johnston raising concerns w/ safety at facilities. Past security violations do not represent widespread breakdown of plant security. NRC will continue to monitor security programs at plants. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/16. SLADE, T. Affiliation Not Assigned. 8pp. 53149.183-53149.192.

-9003260179 Forwards T. Slade 000119 ltr raising concerns re safety of facilities. High personnel turnover & inadequate security have resulted in dangerous excursions & radioactive releases. JOHNSTON, H. House of Rep. 90/02/28. CARR, K. Commissioners. 3pp. 53149.191-53149.192.

## J. Insurance & Indemnity information

9003220222 Provides listing of property insurance programs. ACOSTA, R.J. Florida Power & Light Co. 90/03/13. Document Control Branch (Document Control Desk). 2pp. 53123.148-53123.149.

## P. Operating license stage documents & correspondence

8906220184 Discusses 800517-18 meeting of NRC senior managers re performance of operating nuclear power plants licensed by NRC. Plant categorized as continuing to require close monitoring. Summary of NRC discussions re plant provided. STELLO, V. Ofc of the Executive Director for Operations. 89/05/28. HUDIBURG, J.J. Florida Power & Light Co. 4pp. 52988.305-52988.308.

9002260009 Discusses NRC 900122-23 senior manager meetings re performance of plants licensed to operate by NRC. Util has demonstrated sustained improvement sufficient to warrant removal from category of plants requiring NRC attention. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/12. BROADHEAD, J.L. Florida Power & Light Co. 5pp. 52710.354-52710.358.

9002270067 Forwards addl info re open issues to aid closeout of items, per 89C605 application for amends to licenses. HARRIS, K.N. Florida Power & Light Co. 90/02/13. Document Control Branch (Document Control Desk). 3pp. 52745.358-52745.360.

9003140395 Requests approval to use Code Case N-468 at plants. GOLDBERG, J.H. Florida Power & Light Co. 90/02/27. Document Control Branch (Document Control Desk). 2pp. 53001.292-53001.293.

9003120481 Forwards details of anonymous Allegation RII 90-A-0025. Review requested Encl withheld (ref 10CFR2.790(a)(6)(7)). REYES, L.A. Region 2, Ofc of the Director. 90/02/28. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52988.180-52988.182.

9003090155 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Info covers time spent by key power plant managers in responding to operational insps & audits. GOLDBERG, J.H. Florida Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 52950.045-52950.058.

9003200070 Notification of 900408-11 meetings w/Util in Rockville, MD to discuss emergency power sys enhancement project. EDISON, G.E. Project Directorate II-2. 90/03/16. BERKOW, H.N. Project Directorate II-2. 3pp. 53069.253-53069.260.

9003200310 Discusses unimplemented USIs at facilities, per Generic Ltr 89-21. List representing NRC assessment of USI Implementation encl W/o encl. EDISON, G.E. Project Directorate II-2. 90/03/16. GOLDBERG, J.H. Florida Power & Light Co. 2pp. 53071.230-53071.231.

9003230288 Forwards request for addl info re emergency power sys enhancement project to continue review of 890403 submittal. Response requested within 30 days of ltr date. EDISON, G.E. Project Directorate II-2. 90/03/16. GOLDBERG, J.H. Florida Power & Light Co. 6pp. 53149.088-53149.089.

9003230210 Advises that action on Generic Ltr 88-11, "Radiation Embrittlement of Reactor Vessel Metals" complete & TACs 71561 & 71562 closed, per 890821 ltr & Reg Guide 1.99. EDISON, G.E. Project Directorate II-2. 90/03/19. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53173.354-53173.358.

**9003280402** Forwards response to Generic Ltr 89-18, "Request for Action re Resolution of USI A-47 'Safety Implications of Control Sys in LWR Nuclear Power Plants'"  
GOLDBERG, J.H. Florida Power & Light Co. 90/03/19. Document Control Branch (Document Control Desk). 7pp. 53158 174-53156 180

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2 Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 65pp. 53195 014-53195 069

#### Q. Inspection reports, IE Bulletins & correspondence

**9002280276** Forwards Insp Repts 50-250/80-01 & 50-251/90-01 on 900108-12 No violations or deviations noted  
JULIAN, C.A. Region 2, O/c of the Director. 90/02/02. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52726 004-52726 017.

**9002280280** Insp Repts 50-250/90-01 & 50-251/90-01 on 900108-12 No violations noted Major areas inspected: licensee conformance to Reg Guide 1.97 instrumentation for light-water cooled plant to assess conditions during & after accident  
HUNT, M.D., CONLON, T.E. Region 2, O/c of the Director. 90/02/01. 11pp. 52726 007-52726 017.

**9003050198** Forwards summary of 900118 meeting at Region II o/c re Design Validator Insp Repts 50-250/89-203 & 50-251/89-203. Major areas discussed: differences between sys drawings & Procedure 314-OP-030, "Component Cooling Water Sys EBNETER, S.O. Region 2, O/c of the Director. 90/02/14. GOLDBERG, J.H. Florida Power & Light Co. 31pp. 52837 143-52837 173

**9003090398** Forwards Insp Repts 50-250/89-54 & 50-251/89-54 on 891223-900126 & notice of violation  
REYES, L.A. Region 2, O/c of the Director. 90/02/14. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52964 189-52964 209

**9003090401** Notice of violation from Insp on 891223-900126 Violations noted: site GC documented closure of NCR 86-421 w/o properly verifying that defective Pinless-Winsmith motor operated valve dc motor returned to vendor for lead wire repair.  
REYES, L.A. Region 2, O/c of the Director. 90/02/15. 2pp. 52964 189-52964 193

**9003090404** Insp Repts 50-250/89-54 & 50-251/89-54 on 891223-900126 Violations noted: Major areas inspected monthly surveillance observations monthly maintenance observations, operational safety, plant events & mgmt meetings.  
BUTCHER, R.C., MCELHINEY, T.F., SCHNEBLI, G.A. Region 2, O/c of the Director. 90/02/14. 16pp. 52964 189-52964 209

**9002260179** Responds to violations noted in Insp Repts 50-250/89-52 & 50-251/89-52 Corrective actions responsible operator disciplined & incident recorded in night order book to inform all operators personnel  
GOLDBERG, J.H. Florida Power & Light Co. 90/02/16. Document Control Branch (Document Control Desk). 4pp. 52739 136-52739 139

**9003050088** Ack receipt of 900207 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-250/89-51 & 50-251/89-51. Response meets requirements of 10CFR 2.201  
CLINE, W.E. Region 2, O/c of the Director. 90/02/20. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52836 251-52836 253.

**9002180093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core GDO." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776 262-52776 360

**9003090083** Responds to violations noted in Insp Repts 50-250/89-48 & 50-251/89-48 Corrective action cited drawing discrepancies corrected & memo reemphasizing procedure as being method for documenting drawing discrepancies issued to personnel  
GOLDBERG, J.H. Florida Power & Light Co. 90/02/27. Document Control Branch (Document Control Desk). 3pp. 52964 145-52964 147

**9003090281** Ack receipt of 900129 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-250/89-203 & 50-251/89-203.  
PEEBLES, T.A. Region 2, O/c of the Director. 90/02/27. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52966 012-52966 014.

**9003130503** Discusses Insp Repts 50-250/89-203 & 50-251/89-203 on 890911-15-25-29 & 1012-13 & forwards notice of violation. Violations, refs to pertinent requirements & elements to be included in response described in notice of violation.  
PEEBLES, T.A. Region 2, O/c of the Director. 90/02/27. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53014 204-53014 209

**9003130508** Notice of violation from Insp on 890911-15-25-29 & 1012-13. Violations noted: Procedure 4-OP-30, Step 7.5.2.7 failed to direct that Valve 4-737C be opened to achieve makeup flow.  
PEEBLES, T.A. Region 2, O/c of the Director. 90/02/27. 3pp. 53014 207-53014 209.

**9002230283** NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp. 52776 163-52776 261

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp. 52844 001-52844 099.

**9003090155** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
GOLDBERG, J.H. Florida Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 52950 045-52950 056

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 8pp. 52844 100-52844 198.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Rad Waste." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52997

**9003010172** NRC Info Notice 90-015, "Respectfully Notification of Agreement Control Directors Before Beginning Work in Agreement Site."  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/07. Consolidated Edison Co. of New York, Inc. 8pp. 52997

**9003010227** NRC Info Notice 90-016, "Compliance W/New Design." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning. 90/03/07. Consolidated Edison Co. of New York, Inc. 52999 018.

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Defective Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52844 199-52844

**9003190228** Ack receipt of 900216 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-250/89-52 & 50-251/89-52  
SANKLE, M.V. Region 2, O/c of the Director. 90/03/07. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53067 109-53067 111

**9003210113** Forwards Insp Repts 50-250/80-03 & 50-251/80-03 on violations or deviations noted.  
STCHER, J.P. Region 2, O/c of the Director. 90/03/07. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53099 346-53099 355

**9003210110** Insp Repts 50-250/90-03 & 50-251/90-03 on 900205 deviations noted: Major areas inspected: emergency preparedness, select emergency kits & equipment & proposed organizational changes.  
SARTOR, W.M., HANKIN, W.H. Region 2, O/c of the Director. 90/03/09. 53099 349-53099 355

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies in Nuclear Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 104pp. 52963 096-52963

**9003200397** Modifies interim commitment to have physical barriers in place during surveillance area inspections in control room for Insp Repts 50-250/81-01 & 50-251/81-01.  
HARRIS, K.N. Florida Power & Light Co. 90/03/08. Document Control Branch (Document Control Desk). 2pp. 53080 355-53080 356

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Control Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52963 300-52963

**9003050148** NRC Bulletin 90-001, "Loss of Fill Oil in Transformers." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 109pp. 52963 300-52963

**9003210247** Forwards Insp Repts 50-250/90-05 & 50-251/90-05 on violations or deviations noted.  
GIBSON, A.F. Region 2, O/c of the Director. 90/03/13. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53099 097-53099 099

**9003210249** Insp Repts 50-250/90-05 & 50-251/90-05 on 900228 deviations noted: Major areas inspected routine unannounced nuclear inspection, including review of program implementing procedures.  
NEWSOME, R.W., BLAKE, J.J. Region 2, O/c of the Director. 90/03/13. 53099 100-53099 109

**9003210301** Forwards Allegation RII-90-A-0029, por 900312 telcon 10CFR 2.790(a)(6) & (7).  
REYES, L.A. Region 2, O/c of the Director. 90/03/13. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53104 259-53104 261.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 8pp. 52907 190-52907

**9003220267** Responds to notice of violation from Insp Repts 50-250/89-54 Corrective actions reviewed procedures reviewed to emphasize documentation for closure of NCRs.  
GOLDBERG, J.H. Florida Power & Light Co. 90/03/14. Document Control Branch (Document Control Desk). 6pp. 53126 166-53126 171

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Causes Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 8pp. 53035 129-53035

**9003180224** NRC Info Notice 90-020, "Personnel Injuries Resulting from Restoration of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166

**9003180306** NRC Info Notice 90-021, "Potential Failure of Motor Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165



## R. Periodic operating reports & related correspondence

**9003130304** "Annual Wholebody Exposure Data for CY89," including wholebody exposure data & occupational exposure data W/900302 ltr  
HARRIS,K.N. Florida Power & Light Co. 89/12/31. 3pp. 52999 244-52999 246.

**9003130315** "Semiannual Radioactive Effluent Release Rpt Jul-Dec 1989" W/900332 ltr  
GUINN,S., STEINKER,N., PEARCE,L.W. Florida Power & Light Co. 89/12/31. 31pp  
53014.248-53014.278

**9003130007** Forwards select sys assessment progress summary for Jan 1990 RHR valve 887 replacement scheduled for completion during next Unit 4 refueling outage Breaker 1 scheduled to be completed by 910122  
HARRIS,K.N. Florida Power & Light Co. 93/02/13 Document Control Branch (Document Control Desk). 2pp 52995-039-52995 040.

**9003220180** Monthly operating rpts for Feb 1990 for Turkey Point Units 3 & 4 W/900313 ltr  
BONNETT,D.M., HARRIS,K.N. Florida Power & Light Co. 90/02/28 9pp 53124:141-53124:149

## S. Reportable occurrences, LERs & related correspondence

**9002220345** Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach, Unit 1. Licensee analysis indicates that single failure of switch can block low pressure pressure or low steam line pressure signal  
NOVAK,T.M. Division of Safety Programs (Post 870413) 89/02/02 RUSSIG,C.E. Division of Operational Events Assessment (Post 870411) 7pp 52718 060-52718 060.

**9002220371** Part 21 rpt re maint of Automatic Valve Corp MSIV 8/o: main steam relief valve using spanner wrench in order to avoid safety valve stem damage, per 1984-85 change in design. Maint instructions incl  
HUTCH,N.S.T. Automatic Valve Corp. 90/02/02 NRC - No Detailed Affiliation Given 38pp. 52738 068-52738 105

**9003010010** Special report 900102.04, 19.25 & 29, two barriers, penetrations & dense fire pump P-101 breached & not returned to operable status within 7 days. Compensatory measures continue to be implemented  
HARRIS,K.N. Florida Power & Light Co. 90/02/20 Document Control Branch (Document Control Desk). 3pp 52781 244-52781 246

## T. Hearing transcripts on non-arbitration matters

**9003270378** Transcript of 900323 meeting in Miami, FL. Pp 1-232  
\* Atomic Safety and Licensing Board Panel. 00/03/23. 234pp 53102 160-53103 033

## DOCKET 60-251 TURKEY POINT PLANT, UNIT 4

## F. Security, medical, emergency & fire protection plans

**9003150089** Advises that 900112 Rev 19 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable  
CLINE,W.E. Region 2, Ofc of the Director. 90/02/27 GOLDBERG,J.H. Florida Power & Light Co. 3pp 53022 017-53022 109.

**9003120881** Forwards Rev 20 to physical security plan Rev withheld (ref 10CFR73.21 & 2.790(a)(3))  
HARRIS,K.N. Florida Power & Light Co. 90/03/05 Document Control Branch (Document Control Desk). 2pp 53013 242-53013 243.

**9003210113** Forwards Insp Repts 50-250/90-03 & 50-251/90-03 on 900205-09 No violations or deviations noted  
STOHR,J.P. Region 2, Ofc of the Director. 90/03/07 GOLDBERG,J.H. Florida Power & Light Co. 3pp 53089 346-53089 355

**-9003210119** Insp Repts 50-250/90-03 & 50-251/90-03 on 900205-09 No violations or deviations noted. Major areas inspected: emergency preparedness, including maint of select emergency kits & equipment & proposed organizational changes  
SARTOR,W.M. Region 2, Ofc of the Director. 90/03/06 7pp 53099 349-53099 355

**9003220282** Revised EIPs, including 20101, "Duties of Emergency Coordinator" & 20111, "Re-Entry" W/900314 ltr  
CROSS,J.E., GOLDBERG,M., HARRIS,K.N. Florida Power & Light Co. 90/03/14. 78pp 53123 150-53123 227

## G. Adjudicatory correspondence

**9003010043** Appellant appeal from 900116 memorandum & order (Denying Petition to Intervene) & memorandum of exceptions to decision in support of appellant appeal. Petition should be granted & public hearing ordered. Certificate of Svc incl  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 9942. 90/02/05. Atomic Safety and Licensing Appeal Panel. 16pp. 52700-093-52700 108.

**9003010035** Addendum to appeal brief. Acceptance of addendum, consisting of table of contents & table of cases, statutes, regulations & other authorities cited & granting of discretionary intervention to appellants requested W/Certificate of Svc  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 9941. 90/02/12. Atomic Safety and Licensing Appeal Panel. 5pp 52700-205-52700 209.

**9003010066** Motion for clarification. Requests clarification on 900222 prehearing conference specifically, what is expected of petitioners in proceeding. Certificate of Svc incl  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 9964. 90/02/19. Atomic Safety and Licensing Board Panel. 3pp 52699-182-52699 184.

**9003010212** Memorandum & order (revised schedule). Lists revised schedule for case per participants agreement W/Certificate of Svc. Served on 900222.  
BLOCH,P.B. Atomic Safety and Licensing Board Panel. #190 9932. 90/02/20. Office of the General Counsel (Post 860701). 2pp. 52698-336-52698 337.

**9003050037** Advises that applicant & NRC will not object to extensions of time if schedule for proceeding modified as listed. Certificate of Svc incl  
FRANTZ,S.P. Florida Power & Light Co. FRANTZ,S.P. Newman & Holtzinger. #190 9973. 90/02/20. BLOCH,P.B. Atomic Safety and Licensing Board Panel. JOHNSON,E.B. Oak Ridge National Laboratory. ANDERSON,G.C. Affiliation Not Assigned. 4pp 52730 334-52730 337.

**9003050073** Motion for reconsideration of time extension. Petitioners ask that Board reconsider 900203 request for extension of time until 900305 to file amended petition & contentions based on parties agreement. Certificate of Svc incl  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 9960. 90/02/21. Atomic Safety and Licensing Board Panel. 3pp. 52730 259-52730 261.

**9003010047** Notice of address change. Requests that all future correspondence to Nuclear Energy Accountability Project be mailed to stated new address W/Certificate of Svc  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 9969. 90/02/22. 2pp. 52700 091-52700 092

**9003050063** Requests change to svc list re mailing address for GC Anderson Certificate of Svc and Served on 900227.  
MCDOW,J. Atomic Safety and Licensing Board Panel. #190 9975. 90/02/22. JULIAN,E. Docketing & Services Branch. 2pp. 52730 265-52730 266

**9003010109** Intervenor motion for extension of time to file appeal brief. Extension requested to file brief due to Intervenor J. Lorton involved w/family health matters W/Certificate of Svc. Served on 900226. Granted for ASLAB on 900223.  
\* Center for Nuclear Responsibility. #190 9952. 90/02/23. Atomic Safety and Licensing Appeal Panel. 3pp. 52700-056-52700-058.

**9003010137** Intervenor motion for extension of time to file appeal brief. Requests 5-day extension until 900305 to file appeal brief due to author family health matters interfering w/ability to meet commitments W/Certificate of Svc  
LORION,J. Center for Nuclear Responsibility. #190 9965. 90/02/23. Atomic Safety and Licensing Appeal Panel. 3pp. 52699 289-52699 291.

**9003160122** Objection to order. Author objects to method of filing on part of petitioners as required by order of Board. Petitioners will comply w/Board latest order & meet filing deadline of 900305 W/Certificate of Svc  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 10012. 90/02/27. Atomic Safety and Licensing Board Panel. 7pp 52943 090-52943 096

**9003160053** Address correction. Informs of incorrect zip code assigned to Nuclear Energy Accountability Project during registration for post odc box number assignment. Correct address stated. W/Certificate of Svc  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 10011. 90/02/28. Atomic Safety and Licensing Board Panel. 2pp 52944 220-52944 221.

**9003160151** Memorandum & order. Board previous 900227 order modified & petitioners may file by overnight mail on that date. 900305. W/Certificate of Svc. Served on 900301.  
BLOCH,P.B. Atomic Safety and Licensing Board Panel. #190 9995. 90/03/01. 2pp 52943 254-52943 255

**9003160071** Forwards request to participate in limited appearance session in plant proceeding scheduled for 900322. W/o incl  
MCORE,J.E. Assistant General Counsel for Hearings & Enforcement. #190 10007. 00/03/02. BLOCH,P.B., ANDERSON,G.C., JOHNSON,E.B. Atomic Safety and Licensing Board Panel. 1p. 52944 219-52944 219

**9003160090** Petitioners amended petition for intervention & brief in support thereof. Petitioners should be granted intervention & hearing to address & resolve serious stated nuclear concerns  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 10019. 90/03/05. Atomic Safety and Licensing Board Panel. 169pp. 52944 050-52944 218.

**-9003160106** Affidavit of TJ Saporito. Discusses concern that amendments to licenses sought by applicant to revise Tech Specs will cause plant to be operated unsafely due to relaxed safety margins. W/Certificate of Svc  
SAPORITO,T.J. Nuclear Energy Accountability Project. 90/02/28. 5pp 52944 214-52944 218.

**9003190036** Advises of intervenors change of address as listed.  
LORION,J. Center for Nuclear Responsibility. #190 10037. 90/03/05. Office of the Secretary of the Commission. 1p. 52970 219-52970 267.

**-9003190050** Cir for Nuclear Responsibility & J. Lorton brief in support of appeal of ASLB order granting summary disposition of intervenors Contention 2 & dismissing proceeding. Requests that public hearing be granted W/Certificate of Svc  
LORION,J. Center for Nuclear Responsibility. 90/03/05. 48pp 52970 220-52970 267.

**9003190065** Limited appearance session. Requests leave to participate in 900322 limited appearance session in Miami, FL. Certificate of Svc incl  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 10050. 90/03/06. Atomic Safety and Licensing Board Panel. 2pp. 52971-027-52971-028.

**9003190104** Applicant response to petitioner request to make limited appearance statement. Request should be denied on basis of inconsistency w/10CFR2.715. Position can be presented at 900323 prehearing conference W/Certificate of Svc  
FRANTZ,S.P. Florida Power & Light Co. FRANTZ,S.P. Newman & Holtzinger. #190 10056. 90/03/09. Atomic Safety and Licensing Board Panel. 4pp. 52970 028-52970 029.

**9003190106** Forwards license 900213 ltr re Attachment IV to 890605 application for Tech Specs replacement amend providing add info re open licensing issues. Certificate of Svc incl  
FRANTZ,S.P. Florida Power & Light Co. FRANTZ,S.P. Newman & Holtzinger. #190 10057. 90/03/09. BLOCH,P.B., ANDERSON,G.C., JOHNSON,E.B. Atomic Safety and Licensing Board Panel. 6pp. 52970 020-52970 025.

**9003220089** Profusely objects to licensee counsel inquiry into author affidavit delineating hours of work at AT Training Cir in Miami, FL. Licensee actions appear to be hope of intimidating employer in order to terminate author employment.  
SAPORITO,T.J. Nuclear Energy Accountability Project. #190 10061. 90/03/09. BLOCH,P.B., ANDERSON,G.C., JOHNSON,E.B. Atomic Safety and Licensing Board Panel. 4pp. 53028 022-53028 026.



9003230075 Applicant response to amended petition to intervene. Opposes Nuclear Energy Accountability Project & TJ Saparito 900305 amended petition due to request not satisfying applicable standards Certificate of Service encl. FRANTZ, S.P. Florida Power & Light Co. FRANTZ, S.P. Newman & Holtzinger #190 10101. 90/03/16. Atomic Safety and Licensing Board Panel. 32pp. 53051-328-53051-359.

9003230160 NRC Staff response to petitioners amended petition to leave to intervene. Request should be denied due to petitioners failing to meet standards of 10CFR2.714 Certificate of Service encl. JEHLE, P. MOORE, J.E. Assistant General Counsel for Hearings & Enforcement. #190 10109. 90/03/19. Atomic Safety and Licensing Board Panel. 83pp. 53051-160-53051-262.

9003230174 Memorandum & order (requirements for contentions). Requests petitioners to be prepared to cite specific portions of documents on which were relied, per applicant & NRC responsive findings. W/Certificate of Service Served on 900320. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 10114. 90/03/19. Office of the General Counsel (Post 860701). 3pp. 53052-321-53052-323.

9003300129 Advises that author had no hostile or coercive motives in 900307 letter to ATI Career Training Center inquiring about recipient author intended letter as independent verification of facts stated in pleadings. BUTLER, J.T. Florida Power & Light Co. BUTLER, J.T. Steel, Hector & Davis. #190 10146. 90/03/19. SAPARITO, T.J. Nuclear Energy Accountability Project. 1p. 53155-120-53155-120.

#### H. General correspondence

9003220123 Responds to 900212 letter re constituent concerns about plant operation. Util spent millions of dollars to improve plant equipment & made widespread mgmt & operational changes. NRC does not consider plant dangerous & outdated. TAYLOR, J.M. Office of the Executive Director for Operations. 90/03/13. MACK, C. Senate. 8pp. 53125-331-53125-357.

9003220131 Forwards 900118 letters from constituents concerning operational problems at facility. MACK, C. Senate. 90/02/12. Office of Congressional Affairs (Pre 870413). 18pp. 53125-339-53125-357.

9003260177 Responds to 900118 letter to Congressman H. Johnston raising concerns w/ safety at facilities. Past security violations do not represent widespread breakdown of plant security. NRC will continue to monitor security programs at plants. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/16. SLADE, T. Affiliation Not Assigned. 8pp. 53149-183-53149-182.

9003260179 Forwards T. Slade 900119 letter raising concerns re safety of facilities. High personnel turnover & inadequate security have resulted in dangerous excursions & radioactive releases. JOHNSTON, H. House of Representatives. 90/02/28. CARR, K. Commissioners. 3pp. 53149-191-53149-192.

#### J. Insurance & Indemnity Information

9003220222 Provides listing of property insurance programs. ACOSTA, R.J. Florida Power & Light Co. 90/03/13. Document Control Branch (Document Control Desk). 2pp. 53123-148-53123-149.

#### P. Operating license stage documents & correspondence

8906220164 Discusses 890517-18 meeting of NRC senior managers re performance of operating nuclear power plants licensed by NRC. Plant categorized as continuing to require close monitoring. Summary of NRC discussions re plant provided. STELLOV, V. Office of the Executive Director for Operations. 89/05/26. HUDIBURG, J.J. Florida Power & Light Co. 4pp. 52988-305-52988-308.

9002260009 Discusses NRC 900122-23 senior manager meetings re performance of plants licensed to operate by NRC. Util has demonstrated sustained improvement sufficient to warrant removal from category of plants requiring NRC attention. TAYLOR, J.M. Office of the Executive Director for Operations. 90/02/12. BROADHEAD, J.L. Florida Power & Light Co. 5pp. 52710-354-52710-358.

9002270067 Forwards addl info re open issues to aid closeout of items, per 890605 application for amendments to licenses. HARRIS, K.N. Florida Power & Light Co. 90/02/13. Document Control Branch (Document Control Desk). 3pp. 52745-358-52745-360.

9003140395 Requests approval to use Code Case N-468 at plants. GOLDBERG, J.H. Florida Power & Light Co. 90/02/27. Document Control Branch (Document Control Desk). 2pp. 53001-292-53001-293.

9003120461 Forwards details of anonymous Allegation RII 90-A-0025. Review requested Encl withheld (ref 10CFR2.790(a)(8)(7)). REYES, L.A. Region 2, Office of the Director. 90/02/28. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52968-160-52968-162.

9003090155 Responds to Genaco Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Info covers time spent by key power plant managers in responding to operational insps & audits. GOLDBERG, J.H. Florida Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 52950-045-52950-056.

9003200070 Notification of 900408-11 meetings w/util in Rockville, MD to discuss emergency power sys enhancement project. EDISON, G.E. Project Directorate II-2. 90/03/15. BERKOW, H.N. Project Directorate II-2. 3pp. 53069-256-53069-260.

9003200310 Discusses unimplemented USIs at facilities, per Genenc Ltr 89-21. List representing NRC assessment of USI implementation encl. W/o encl. EDISON, G.E. Project Directorate II-2. 90/03/16. GOLDBERG, J.H. Florida Power & Light Co. 2pp. 53071-230-53071-231.

9003230286 Forwards request for addl info re emergency power sys enhancement project to continue review of 890403 submittal. Response requested w/hold ltr date. EDISON, G.E. Project Directorate II-2. 90/03/16. GOLDBERG, J.H. Florida Power & Light Co. 4pp. 53149-086-53149-089.

9003230210 Advises that action on Generic Ltr 88-11, "Radiation Embrittlement of Reactor Vessel Metals" complete & TACs 71561 & 71562 closed, per 89009 Guidance 1.99. EDISON, G.E. Project Directorate II-2. 90/03/19. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53173-354-53173-356.

9003260402 Forwards response to Generic Ltr 89-19, "Request for Action on USI A-47 'Safety Implications of Control Sys in LWR Nuclear Power Plants'." GOLDBERG, J.H. Florida Power & Light Co. 90/03/19. Document Control (Document Control Desk). 7pp. 53156-174-53156-180.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Instrument Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 63195-014-53195-069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260276 Forwards Insp Repts 50-250/80-01 & 50-251/80-01 on 900101 violations or deviations noted. JULIAN, C.A. Region 2, Office of the Director. 90/02/02. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52726-004-52726-017.

9002260280 Insp Repts 50-250/90-01 & 50-251/90-01 on 900108-12 noted Major areas inspected: licensee conformance to Reg Guide 1.97, Insp for light-water cooled plant to assess conditions during & after accident. HUNT, M.D., CONLON, T.E. Region 2, Office of the Director. 90/02/01. 11pp. 52726-017.

9003050198 Forwards summary of 900118 meeting at Region II office re Design Insp Repts 50-250/89-203 & 50-251/89-203. Major areas discussed: differences in drawings & Procedure 3/4-OP-030, "Component Cooling Water EBNETER, S.D. Region 2, Office of the Director. 90/02/14. GOLDBERG, J.H. Florida Power & Light Co. 31pp. 52837-143-52837-173.

9003090398 Forwards Insp Repts 50-250/89-54 & 50-251/89-54 on 891212 notice of violation. REYES, L.A. Region 2, Office of the Director. 90/02/14. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52964-189-52964-209.

9003090401 Notice of violation from Insp on 891223-900126. Violations noted: documented closure of NCR 86-421 w/o properly verifying that defect. Winsmith motor-operated valve dc motors returned to vendor for lead wire. REYES, L.A. Region 2, Office of the Director. 90/02/15. 2pp. 52964-192-52964-193.

9003090404 Insp Repts 50-250/89-54 & 50-251/89-54 on 891223-900126 noted Major areas inspected: monthly surveillance observations, monitoring, observations, operational safety, plant events & mgmt meetings. BUTCHER, R.C., MCELHINNEY, T.F., SCHNEBLI, G.A. Region 2, Office of the Director. 90/02/14. 16pp. 52964-194-52964-209.

9002260179 Responds to violations noted in Insp Repts 50-250/89-52 & 50-251/89-52. Corrective actions: responsible operator disciplined & incident record order book to inform all operations personnel. GOLDBERG, J.H. Florida Power & Light Co. 90/02/16. Document Control (Document Control Desk). 4pp. 52739-136-52739-139.

9003050008 Ack receipt of 900207 letter informing NRC of steps taken to correct noted in Insp Repts 50-250/89-51 & 50-251/89-51. Response meets requirements of 10CFR2.201. CLINE, W.E. Region 2, Office of the Director. 90/02/20. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52836-251-52836-253.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Crack 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 99pp. 52776-282-52776-360.

9003090083 Responds to violations noted in Insp Repts 50-250/89-48 & 50-251/89-48. Corrective actions: cited drawing discrepancies corrected & memo re procedure as being method for documenting drawing discrepancies issued. GOLDBERG, J.H. Florida Power & Light Co. 90/02/27. Document Control (Document Control Desk). 3pp. 52964-145-52964-147.

9003090281 Ack receipt of 900129 letter informing NRC of steps taken to correct noted in Insp Repts 50-250/89-51 & 50-251/89-51. Response meets requirements of 10CFR2.201. PEEBLES, T.A. Region 2, Office of the Director. 90/02/27. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52968-012-52968-014.

9003130503 Discusses Insp Repts 50-250/89-203 & 50-251/89-203 on 891223-900126 noted Major areas inspected: licensee conformance to Reg Guide 1.97, Insp for light-water cooled plant to assess conditions during & after accident. PEEBLES, T.A. Region 2, Office of the Director. 90/02/27. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53014-204-53014-209.

9003130508 Notice of violation from Insp on 890911-15, 26-29 & 1012-20 noted: Procedure 4-OP-30, Step 7.5.2.7 failed to direct that Valve 4-737C achieve makeup flow. PEEBLES, T.A. Region 2, Office of the Director. 90/02/27. 3pp. 53014-204-53014-209.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Stalled Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 99pp. 52776-183-52776-261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844-001-52844-099.

**9003090155** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
GOLDBERG,J.H. Florida Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 52950-045-52950-056

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844-100-52844-188.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-094.

**9003010172** NRC Info Notice 90-016, "Reciprocity,Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189.

**9003010227** NRC Info Notice 90-018, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52997-018.

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-298.

**9003190228** Ack receipt of 900216 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-250/89-52 & 50-251/89-52.  
SINKULE,M.V. Region 2, Ofc of the Director. 90/03/07. GOLDBERG,J.H. Florida Power & Light Co. 3pp. 53067-109-53067-111.

**9003210113** Forwards Insp Repts 50-250/90-03 & 50-251/90-03 on 900205-09.No violations or deviations noted.  
STOHR,J.P. Region 2, Ofc of the Director. 90/03/07. GOLDBERG,J.H. Florida Power & Light Co. 3pp. 53099-348-53099-355.

**9003210118** Insp Repts 50-250/90-03 & 50-251/90-03 on 900205-09 No violations or deviations noted.Major areas inspected: emergency preparedness,including maint of select emergency kits & equipment & proposed organizational changes.  
SARTOR,W.M., RANKIN,W.H. Region 2, Ofc of the Director. 90/03/06. 7pp. 53089-349-53089-355.

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-096-52963-189.

**9003200397** Modifies interim commitment to have physical barriers installed in appropriate openings in surveillance area boundaries in control room,per violations noted in Insp Repts 50-250/81-01 & 50-251/81-01.  
HARRIS,K.N. Florida Power & Light Co. 90/03/08. Document Control Branch (Document Control Desk). 2pp. 53069-355-53069-358.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-289.

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil In Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52963-048.

**9003210247** Forwards Insp Repts 50-250/90-05 & 50-251/90-05 on 900228-0302.No violations or deviations noted.  
GIBSON,A.F. Region 2, Ofc of the Director. 90/03/13. GOLDBERG,J.H. Florida Power & Light Co. 3pp. 53089-097-53089-099.

**9003210249** Insp Repts 50-250/90-05 & 50-251/90-05 on 900228-0302.No violations or deviations noted.Major areas inspected:routine unannounced Insp in area of inservice Insp,including review of program implementing procedures.  
NEWSOME,R.W., BLAKE,J.J. Region 2, Ofc of the Director. 90/03/09. 10pp. 53099-100-53099-109.

**9003210301** Forwards Allegation RII-90-A-0029,per 900312 telcon.Encl withheld (ref 10CFR2.790(a)(6) & (7)).  
REYES,L.A. Region 2, Ofc of the Director. 90/03/13. GOLDBERG,J.H. Florida Power & Light Co. 3pp. 53104-259-53104-261.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 89pp. 52997-190-52997-287.

**9003220287** Responds to notice of violation from Insp Repts 50-250/89-54 & 50-251/89-54 Corrective actions:revised procedures reviewed to emphasize importance of full documentation for closure of NCRs.  
GOLDBERG,J.H. Florida Power & Light Co. 90/03/14. Document Control Branch (Document Control Desk). 6pp. 53128-166-53128-171.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 89pp. 53035-129-53035-226.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

**9003160306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Recsement Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

**9003130304** "Annual Who/ebody Exposure Data for CY89," Including wholebody exposure data & occupational exposure data. W/900302 ltr.  
HARRIS,K.N. Florida Power & Light Co. 89/12/31. 3pp. 52998-244-52998-246.

**9003130315** "Semiannual Radioactive Effluent Release Rpt,Jul-Dec 1989." W/900302 ltr.  
QUINN,S., STEINKE,R.N., PEARCE,L.W. Florida Power & Light Co. 89/12/31. 31pp. 53014-248-53014-278.

**9003130007** Forwards select sys assessment progress summary for Jan 1990 RHR valve 887 replacement scheduled for completion during next Unit 4 refueling outage.Breaker 1st scheduled to be completed by 910122.  
HARRIS,K.N. Florida Power & Light Co. 90/02/13. Document Control Branch (Document Control Desk). 2pp. 52995-039-52995-040.

**9003220180** Monthly operating repts for Feb 1990 for Turkey Point Units 3 & 4.W/ 900313 ltr.  
BONETT,D.M., HARRIS,K.N. Florida Power & Light Co. 90/02/28. 9pp. 53124-141-53124-149.

## S. Reportable occurrences, LERs & related correspondence

**9002220345** Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach,Unit 1.Licensee analysis indicates that single failure of switch can block low pressurizer pressure or low steam line pressure signal.  
NOVAK,T.M. Division of Safety Programs (Post 870413). 90/02/02. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 7pp. 52718-060-52718-089.

**9002220371** Part 21 rept re maint of Automatic Valve Corp MSIV &/or main steam relief valve using spanner wrench in order to avoid solenoid valve stem damage,per 1984-85 change in design. Maint instructions encl.  
HUTCHINS,T. Automatic Valve Corp. 90/02/02. NRC - No Detailed Affiliation Given 38pp. 52730-068-52730-105.

**9003010010** Special rept:on 900102,04,19,25 & 29,fire barriers, penetrations & closed fire pump P-101 breached & not returned to operable status within 7 days.Compensatory measures continue to be implemented.  
HARRIS,K.N. Florida Power & Light Co. 90/02/20. Document Control Branch (Document Control Desk). 3pp. 52781-244-52781-246.

## T. Hearing transcripts on non-antitrust matters

**9003270378** Transcript of 900323 meeting in Miami,FL.Pp 1-232.  
\* Atomic Safety and Licensing Board Panel. 90/03/23. 234pp. 53192-160-53193-033.

## DOCKET 50-254 QUAD-CITIES STATION, UNIT 1

## F. Security, medical, emergency & fire protection plans

**9003050033** Rev 3 to EPIP EP-EO-18, "Communications."  
CARSON,R.L., GILMAN,T.R., JOHNSON,J.M. Commonwealth Edison Co. 89/11/29. 22pp. 52825-088-52825-089.

**9003160463** Rev 7d to emergency plan annex,Table of contents encl.  
\* Commonwealth Edison Co. 89/12/31. 23pp. 53036-080-53036-112.

**9002230133** Revised EPIPs,including Rev 4 to QEP 160-0,Rev 4 to QEP 160-1,Rev 2 to QEP 160-S1,Rev 2 to QEP 160-S2,Rev 2 to QEP 160-S3 & QEP 160-S4.  
\* Commonwealth Edison Co. 90/02/05. 16pp. 52719-199-52719-214.

**9002230500** Revised emergency procedures,including Rev 5 to QEP 165-0, Rev 2 to QEP 165-S6,Rev 6 to QEP 300-0,Rev 3 to QEP 300-1, Rev 8 to QEP 730-0 & Rev 4 to QEP 730-12.  
RABEY,R.A. Commonwealth Edison Co. 90/02/05. 16pp. 52719-215-52719-230.

**9002280345** Forwards Safety Insp Repts 50-254/89-28 & 50-265/89-28 on 891217-900127,Notice of violation will not be issued to encourage & support licensee initiatives for self identification & correction of problems.  
SHAFER,W.D. Region 3, Ofc of the Director. 90/02/13. REED,C. Commonwealth Edison Co. 2pp. 52738-142-52738-153.

**9002280346** Safety Insp Repts 50-254/89-28 & 50-265/89-28 on 891217-900127.No violations noted.Major areas inspected: licensee actions on previous items,plant operations, radiological controls,maint surveillance & security.  
HINDS,J.M. Region 3, Ofc of the Director. 90/02/13. 10pp. 52739-144-52739-153.

**9003120103** Revised procedures,including Rev 6 to QEP 400-0 & Revs 2 to QEP 400-S5 & QEP 400-S6.  
\* Commonwealth Edison Co. 90/02/20. 4pp. 52874-218-52874-221.

**9003090071** Revised EPIPs,including Rev 4 to ED-4,Rev 7 to ED-10,Rev 3 to ED-21,Rev 5 to ED-24,Rev 5 to ED-30,Rev 2 to ED-31 & Rev 6 to ED-28.  
FERGUSON,B.S. Commonwealth Edison Co. 90/02/21. 87pp. 52950-190-52950-286.

9003200041 Comments on SALP Board Repts 50-254/89-01 & 50-265/89-01 for Oct 1988 to Nov 1989 U1 appreciates NRC recognition of overall improvements in areas of operation & emergency preparedness & good performance in area of security. GALLE, D. Commonwealth Edison Co. 90/03/08. DAVIS, A.B. Region 3. Ofc of the Director 2pp 53078 071-53078 072

9003200337 Forwards Final SALP Repts 50-254/89-01 & 50-265/89-01 on Oct 1988 - Nov 1989. DAVIS, A.B. Region 3. Ofc of the Director. 90/03/12. REED, C. Commonwealth Edison Co. 2pp 53073 306-53073 327

9003200342 Final SALP Repts 50-254/89-01 & 50-265/89-01 for Oct 1988 - Nov 1989. Region 3. Ofc of the Director. 90/03/12. 18pp 53073 308-53073 327

9003260130 Rev 7 to E.P.P. EG-2, "Use of Commonwealth Edison Co. & IGNS Monitoring Maps." W/size drawings. MCLURE, A.J. Commonwealth Edison Co. 90/03/12. 9pp 53189 161-53189 170

9003210162 Forwards safety evaluation concluding that review of plant procedures generated package submitted by 841030. It needed re-programmatic improvements to enhance ability to develop high quality emergency operating procedures. OLSHAN, L.N. Project Directorate III-2. 90/03/13. KOVACH, T.J. Commonwealth Edison Co. 11pp 53111 283-53111 293

#### H. General correspondence

9003140053 Responds to 900130. It forwarding constituent JT Shaff 890902. It expressing concerns re containment & evacuation plans at facilities. Licensee intends to install hardened vents on own initiators. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/03/02. GRASSLEY, C.E. Senate. 4pp 53018 071-53018 076

9003140057 Forwards constituent J. Shaff 890902. It expressing concerns w/evacuation plans at facility. Response requested. GRASSLEY, C.E. Senate. 90/01/30. NRC. No Detailed Affiliation Given. 2pp. 52318 075-52318 076

#### P. Operating license stage documents & correspondence

9002160171 Identifies licensees requesting delays in submitting individual plant exams. TAYLOR, J.M. Ofc of the Executive Director for Operations. SECY-90-039. 90/02/07. 4pp 53045 355-53045 358

9002270432 Forwards SER concluding that BWR Owners Group proposed functional criteria for post-accident neutron flux monitoring as alternative to Category 1 instrumentation per Reg Guide 1.97, unacceptable. SEGEL, B.L., OLSHAN, L.N., PULSIFER, R.M. Project Directorate III-2. 90/02/14. KOVACH, T.J. Commonwealth Edison Co. 3pp 52755 145-52755 156

9002260559 Supp's 890731, 0915, 1030 & 1215 responses re employees notifying NRC of potential safety issues. Labor settlement agreements for unit personnel did not reveal any restrictive clauses that would hinder employees from notifying NRC. RICHTER, M.H. Commonwealth Edison Co. 90/02/15. Project Directorate III-2. 2pp 52753 307-52753 308

9003060168 "Quad Cities Nuclear Power Station Unit 1 Cycle 11 Startup Test Results." W/900226. It. STOLSR. Commonwealth Edison Co. 90/02/26. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 11pp 52848 004-52848 014

9003080147 Informs of organizational changes within Div of Reactor Projects. Project Directorate III-2 Change reassigned project managers to listed facilities. CRAIG, J.W. Project Directorate III-2. 90/02/27. KOVACH, T.J. Commonwealth Edison Co. 5pp 52694 028-52694 033

9003080154 Requests add info re 891023 application for amend to Tech Specs, revising pressure-temp limits per Rev 2 to Reg Guide 1.99 & removing reactor vessel venting requirement. CRAIG, J.W. Project Directorate III-2. 90/03/01. KOVACH, T.J. Commonwealth Edison Co. 4pp 52897 096-52897 099

9003150474 Notification of 900315 meeting w/utl in Rockville, MD to discuss proposed mods & schedule for station blackout. SEGEL, B.L., OLSHAN, L.N. Project Directorate III-2. 90/03/07. CRAIG, J.W. Project Directorate III-2. 2pp 53025 290-53025 291

9003220018 Confirms agreement from 900216. Itelon that utl will notify NRC of any future jet pump flow indication failures & evaluate repair feasibility as contingency should add jet pump instrument fail re 891011 amends application. STOLSR. Commonwealth Edison Co. 90/03/12. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 53113 121-53113 121

9003220210 Advises that revs to inservice testing program & implementation procedures will be completed by 900829. per Genenc Ltr 89-04. RICHTER, M.H. Commonwealth Edison Co. 90/03/14. Document Control Branch (Document Control Desk). 1p. 53126 112-53126 112

9003140089 Genenc Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Genenc Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195 089

9003260307 Advises that 900129 initial response to Genenc Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," acceptable. OLSHAN, L.N. Project Directorate III-2. 90/03/20. KOVACH, T.J. Commonwealth Edison Co. 2pp. 53148 199-53148 200

#### Q. Inspection reports, IE Bulletins & correspondence

9002270408 Responds to NRC Ltr 900110. It re violations noted in Insp Repts 89-25 & 50-265/89-25. Corrective actions safety evaluations submitted via 9002270408. Table of content will be completed for 1989 FSAR update to be submitted KOVACH, T.J. Commonwealth Edison Co. 90/02/08. DAVIS, A.B. Region 3. Director. 10pp. 52745 107-52745 118

9003130093 Responds to violations noted in Insp Repts 50-254/89-26 & 26. Corrective action Procedure CIS 47-1 revised to include requirement that valve be open during isolation of transmitter. KOVACH, T.J. Commonwealth Edison Co. 90/02/08. DAVIS, A.B. Region 3. Director. 5pp 53014 279-53014 203

9002260345 Forwards Safety Insp Repts 50-254/89-26 & 50-265/89-26. 900127 Notice of violation will not be issued to encourage & support licensees for self-identification & correction of problems. SHAFER, W.D. Region 3. Ofc of the Director. 90/02/13. REED, C. Commonwealth Edison Co. 2pp 52739 142-52739 151

9002260348 Safety Insp Repts 50-254/89-26 & 50-265/89-26 on 891217. Violations noted. Major areas inspected. Corrective actions on previous items at all, radiological controls, manual surveillance, & security. HINDS, J.M. Region 3. Ofc of the Director. 10/02/13. 10pp 52739 144-52739 152

9002260477 Withdraws Example F of violation identified in Insp Repts 50-254/89-26 & 50-265/89-26. SHAFER, W.D. Region 3. Ofc of the Director. 90/02/15. REED, C. Commonwealth Edison Co. 1p 52721 025-52721 025

9003020007 Responds to concerns noted in Insp Repts 50-456/88-24, 24, 50-454/88-15, 50-455/88-14, 50-237/88-20, 50-249/88-21, 50-373/88-23, 22, 50-254/89-22, 50-265/89-22, 50-265/89-17 & 50-304/88-17. KOVACH, T.J. Commonwealth Edison Co. 90/02/15. DAVIS, A.B. Region 3. Director. 2pp 52798 248-52798 249

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking 800." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 99pp. 52776 262-52776 360

9003010001 EN-90-026 on 500223 order modifying license issued to prohibit further from participating in licensed activity at plant w/o written approval of administrator. TROSKOSKI, W., LIEBERMAN, J. Ofc of the Executive Director for Operations. 23. 1p. 52791 138-52791 138

9003050201 Forwards order modifying license. DPR-29 & DPR-20, immediately, did 800223, for FR publication w/o encl. LIEBERMAN, J. Ofc of Enforcement (Post 870411). 90/02/27. LIESAR, M.T. Publications Branch. 1p 52836 352-52836 352

9002230283 NRC Info Notice 90-011, "Main Duct Leakage Associated W/ Solenoid Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 89pp. 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring of Interruption of Plant Cycles." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 99pp. 52844 001-52844 099

9003050175 Partial response to FOIA request for records App W records encl. in PDR. PHILLIPS, J.D. Division of Freedom of Information & Publications Serv. 890205. 90/03/01. PEPPERMAN, D.R. Blocher & Collins. 2pp 52793 297-52793 298

9003160853 Forwards response to IE Bulletin 78-10, "Borgon-Paterson Stack Suppressor Accumulator Spring Coils." No Borgon-Paterson sub-bbox at Dresden, Zion, LaSalle County, Byron or Haldwood facilities. REED, C. Commonwealth Edison Co. 78/08/08. KEPLER, J.G. Region III, IE. 810228. 10pp 52794 104-52794 113

9002270389 NRC Info Notice 90-013, "Importance of Review & Analysis of Svc Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 99pp. 52844 100-52844 188

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Material." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870411). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997 001-52997 002

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement between Control Directors Before Beginning Work in Agreement States." Svc CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997 005-52997 006

9003010227 NRC Info Notice 90-016, "Compliance W/Non Decommissioned Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52898 018-52898 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misused Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52844 199-52844 288

9003020211 NRC Info Notice 90-017, "Weight & Cir of Gravity Discrepancies in Vulcan Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 104pp. 52963 098-52963 199

9003200041 Comments on SALP Board Repts 50-254/89-01 & 50-265/89-01 for Oct 1988 to Nov 1989 Uhl appreciates NRC recognition of overall improvements in areas of operation & emergency preparedness & good performance in area of security GALLE, D. Commonwealth Edison Co. 90/03/08 DAVIS, A.B. Region 3, Ofc of the Director 2pp 53078 071-53078 072

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver: Tanks." Svc list encl ROSS, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl ROSS, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963 300-52963 048

9003200337 Forwards Final SALP Repts 50-254/89-01 & 50-265/89-01 on Oct 1988 - Nov 1989 DAVIS, A.B. Region 3, Ofc of the Director 90/03/12 REED, C. Commonwealth Edison Co. 2pp 53073 306-53073 327

9003200342 Final SALP Repts 50-254/89-01 & 50-265/89-01 for Oct 1988 - Nov 1989 \* Region 3, Ofc of the Director 90/03/12 18pp 53073 308-53073 327

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl ROSS, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp 52997 180-52997 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl ROSS, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 226

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 81pp 53166 057-53166 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl ROSS, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 103pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl ROSS, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108

## R. Periodic operating reports & related correspondence

9002260140 "Effluent & Waste Disposal Semiannual Rpt for Jan-Dec 1989." W/900208 ltr. BAX, R.L. Commonwealth Edison Co. 89/12/31 21pp 52761 318-52761 338

9003090471 Forwards occupational radiation exposure portions of plant operating repts for 1989. RESCEK, F. Commonwealth Edison Co. 90/02/20 DAVIS, A.B. Region 3, Ofc of the Director. 1p 52966 208-52966 218

9003090483 "Number of Personnel & Person-Hour by Work & Job Function for 1989." W/900212 ltr. BAX, R.L. Commonwealth Edison Co. 89/12/31 DAVIS, A.B. Region 3, Ofc of the Director 2pp 52966 209-52966 210

9003180313 Monthly operating repts for Feb 1990 for Quad Cities Nuclear Power Station, Units 1 & 2. W/900302 ltr. DEELSNYDER, L.L. ROBEY, R.A. Commonwealth Edison Co. 90/02/20. 22pp 53041 122-53041 143

9003160377 Forwards listing of changes, tests & experiments completed during month of Feb 1990 for plant. ROBEY, R.A. Commonwealth Edison Co. 90/03/02 Office of Nuclear Reactor Regulation, Director (Post 870411). 10pp 53020 130-53020 139

## S. Reportable occurrences, LERs & related correspondence

9003020176 PNO-III-90-009 on 900220, security guard accidentally fired shotgun inside security patrol vehicle, damaging floor. No one injured. Guard suspended, pending further investigation. No evidence of substance abuse noted by behavioral analysis. CREED, J., GREGER, R. Region 3, Ofc of the Director. 90/02/20. 1p 52836 228-52836 228

9002280274 EN-90-025 order suspending license & order to show cause why license should not be revoked issued to licensee as result of Tech Spec violation on 891017. Order modifying license issued on 900223. THROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/23. 1p 52778 173-52778 173

9003010234 Forwards order modifying license, effective immediately, re 891017 event involving licensed operator RL Dickherber concerning unauthorized fuel movement during refueling. THOMPSON, H.L. Dep Exec Dir for Nuc Mtl's Safety, Safeguards & Operations Support (Post 890205). 90/02/23 REED, C. Commonwealth Edison Co. 2pp 52781 161-52781 169

9003010237 Order modifying license (effective immediately) re 891017 event concerning RL Dickherber undocumented fuel moves during refueling RL Dickherber license suspended. THOMPSON, H.L. Dep Exec Dir for Nuc Mtl's Safety, Safeguards & Operations Support (Post 890205). 90/02/23. Commonwealth Edison Co. 7pp 52781 183-52781 169

9003140070 LER 89 024-00 on 891214, main turbine unexpectedly tripped following isolation of reactor water level switch. Caused by Channel B having been previously replaced w/switch that operated reverse of what is required W/900301 ltr. BROWN, M., BAX, R.L. Commonwealth Edison Co. 90/03/01 11pp 52970 322-52970 332

9003140141 LER 90 002-00 on 900204, determined that only reactor bldg differential pressure of 0.24 inch water vacuum could be maintained in violation of Tech Spec required 0.25 inch. Caused by testing deficiency. Leak paths sealed W/900305 ltr. SCHUMACHER, D.F. BAX, R.L. Commonwealth Edison Co. 90/03/05. 6pp 53006 045-53006 050

9003220056 PNO-III-90 017 on 900313, tornado damaged two contractor trailers, moderately damaging rino others & rppng up section of plant security fence. Unusual event declared. Status of IL & IA notified. HINDS, J., CHESSE, J. SHAFFER, W. Region 3, Ofc of the Director. 90/03/14 2pp 53165 258-53165 260

9003210219 Summary of Operating Reactors Event's Meeting 90 07 on 900314 List of attendees encl FISCHER, D.C. Events Assessment Branch 90/03/15. ROSS, C.E. Division of Operational Events Assessment (Post 870411) 13pp 53132 133-53132 145

9003230111 LER 89 033-00 on 900213, Unit dose generator tripped on overspeed upon manual startup for testing. Caused by misadjustment of dose generator governor. Diesel generator equipment reset & governor adjusted W/900315 ltr. MACLENNAN, M.F., BAX, R.L. Commonwealth Edison Co. 90/03/15. 6pp 53144 068-53144 073

## V. Operator Examinations

9003010254 Forwards order suspending license, effective immediately & order to show cause why license should not be revoked based on improper movement of fuel. THOMPSON, H.L. Dep Exec Dir for Nuc Mtl's Safety, Safeguards & Operations Support (Post 890205). 90/02/23. DICKHERBER, H.L. Affiliation Not Assigned. 2pp 52815 335-52815 342

9003010257 Order suspending license, effective immediately & order to show cause why license should not be revoked. THOMPSON, H.L. Dep Exec Dir for Nuc Mtl's Safety, Safeguards & Operations Support (Post 890205). 90/02/23. Affiliation Not Assigned. 6pp 52815 337-52815 342

9003070015 Forwards order modifying Licenses DPR-29 & DPR-30, to immediately remove RL Dickherber from licensed activities, per 10CFR50 Act on taken because of willful violation of Commission regulations re improper movement of fuel. THOMPSON, H.L. Assistant for Operations (Post 890205). 90/02/23 REED, C. Commonwealth Edison Co. 2pp 52898 210-52898 218

9003070017 Order modifying Licenses DPR-29 & DPR-30, removing RL Dickherber from licensed activities. THOMPSON, H.L. Assistant for Operations (Post 890205). 90/02/23. Commonwealth Edison Co. 7pp 52898 212-52898 218

9003050204 Forwards order suspending license, effective immediately & order to show cause why RL Dickherber license should not be revoked on 900223, for FR publication. W/900212 ltr. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/27. LESAR, M.T. Regulatory Publications Branch. 1p 52836 351-52836 351

9003220031 Grants 900315 request for extension to 900413 to answer & determine whether to request hearings re Enforcement Actions 90 031 & 90 032. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/03/16. LEFSTEIN, S.H. Katz, McAndrews, Bilch, Lefstein & Fowager (formerly Katz, McAndrews, Durkee, B. 1p 53126 087-53126 087

## DOCKET 50-255 PALISADES NUCLEAR PLANT

### F. Security, medical, emergency & fire protection plans

9002230332 Rev 4 to EPIP EI 6.8, "Backup & Supplemental Meteorology." RIDLEY, J.N., BRUNET, J.R. Consumers Power Co. 90/02/05. 2pp 52719 245-52719 246

9002230424 Rev 3 to EPIP EI-7.4, "Post-Accident Gas & Liquid Activity Analysis." \* Consumers Power Co. 90/02/05. 2pp 52715 277-52715 278

9002230443 Temporary Change Notice TCN-EI-86-006 to Rev 1 to Emergency Implementation Procedure EI-7.10, "Post-Accident Sampling, Rad active Gaseous Effluent Monitoring." BRUNET, J.R., RIDLEY, J. Consumers Power Co. 90/02/05. 2pp 52715 331-52715 332

9002230448 Rev & approval summary to Rev 4 to EI-7.2, "Emergency Post-Accident Analysis." \* Consumers Power Co. 90/02/05. 2pp 52715 318-52715 319

9002230106 Temporary Change EI-90-001 to Rev 9 to EPIP EI 7.1, "Post-Accident Sampling-PCS Liquid/Gas Containment Air." RICE, R.M., DOLAN, E.R. Consumers Power Co. 90/02/06. 2pp 52719 265-52719 286

9003020034 Forwards 900522 emergency exercise scope & objectives for plant. BERRY, K.W. Consumers Power Co. 90/02/21. Document Control Branch (Document Control Desk). 4pp 52795 041-52795 044

9003120051 Ack receipt of 891220 ltr containing changes to site emergency plan. Changes re emergency action level tables for method of detection & loss of ac or dc power acceptable. GREGER, L.R. Region 3, Ofc of the Director. 90/02/22. HOFFMAN, D.P. Consumers Power Co. 2pp 52975 210-52975 211

9003190108 Rev 9 to EPIP EI-15.1, "Palisades Site Emergency Plant Training Matrix." \* Consumers Power Co. 90/02/23. 3pp 53048 346-53048 348

9003060009 Forwards Rev 24 to security plan Rev made to reflect current practices & actual plant conditions & includes revs to procedural items, clarifications & drawing updates Rev withheld (ref 10CFR73.21(c)).  
JOHNSON,B.D. Consumers Power Co. 90/02/28 Document Control Branch (Document Control Desk). 1p. 52835-250-52835-250

9003120283 Table of contents to GCRT/emergency operations facility emergency implementing procedures.  
Consumers Power Co. 90/03/01. 4pp 52973-306-52973-309

9003140036 Rev 2 to EIP EI-7.6, "Quantitative Analysis of Chloride In Post-Accident Solution"  
Consumers Power Co. 90/03/01. 3pp 53019-302-53019-304

9003190112 Temporary Change EI-90-002 to Rev 9 to EI-7.1, "Post-Accident Sampling PCS Liquid/Gas & Containment Air"  
Consumers Power Co. 90/03/01. 3pp. 53048-339-53048-341.

9003200109 Rev & approval summary to Rev 0 to EIP EI-7.8, "pH-Hydrogen Specific Ion Electrode"  
CHARTRAND,T.A., BRUNET,J.R. Consumers Power Co. 90/03/02. 2pp. 53075-053-53075-054.

9003200113 Rev & approval summary to Rev 3 to EIP EI-7.5, "Boron Ion Chromatography Method Post-Accident"  
SULLIVAN,M.S., MCELATH,J.W., RICE,R.M. Consumers Power Co. 90/03/02. 2pp 53073-359-53073-360.

9003200120 Rev & approval summary to Rev 2 to EIP EI-7.3, "Hydrogen & Oxygen Gas Analysis of Post-Accident Samples"  
CHARTRAND,T.A., RICE,R.M., BRUNET,J.R. Consumers Power Co. 90/03/02. 2pp. 53073-357-53073-368.

9003200129 Rev & approval summary for TCNEI-87-004 to Rev 3 to EIP EI-7.0, "Emergency Post-Accident Sampling Decision Process"  
CHARTRAND,T.A., RICE,R.M., BRUNET,J.R. Consumers Power Co. 90/03/02. 2pp 53075-055-53075-066.

9003200323 Rev & approval summary for Rev 0 to EIP EI-12.2, "Assembly Area Personnel Lists"  
BRUNET,J.R. Consumers Power Co. 90/03/02. 2pp. 53071.167-53071-168

9003180194 Temporary Change Number EI-80-003 to Rev 9 to EIP EI-7.1, "Post-Accident Sampling - PCS Liquid/Gas & Containment Air"  
Consumers Power Co. 90/03/07. 2pp 53060-272-53060-273.

9003200348 Revised emergency implementing procedures, consisting of Rev 25 to copy holders list, Rev 30 to index, Rev 4 to EOP-3, "Emergency Operations Facility Administrator" & Rev 5 to EOP-10, "Property Protection Team"  
WHITE,S.K. Consumers Power Co. 90/03/08. 18pp 53104-331-53104-348

9003200254 Forwards Rev 1 to 1990 emergency exercise scope & objectives.  
BERRY,K.W. Consumers Power Co. 90/03/09. Document Control Branch (Document Control Desk). 4pp 53071-117-53071-120

9003260265 Requests schedular exemption to 10CFR50, App R, Section III G 2 re containment air room until automatic suppression sys installed Upon schedular exemption, util w/ withdraw mentioned exemption requests filed on 851004 & 890111.  
SMEDELEY,R.W. Consumers Power Co. 90/03/13. Document Control Branch (Document Control Desk). 7pp 53189-068-53189-074.

9003230241 Advises that T. LeRosa of El Int'l Inc nominated plant as candidate to provide data for NRC emergency response data sys acceptance testing to be held in Apr 1990 NRC should be notified if util can participate in acceptance tests  
JOLICOEUR,J.R. Incident Response Branch. 90/03/14. FUGERE,D. Consumers Power Co. 1p. 53174-089-53174-089.

9003270050 Forwards corrected pages to Rev 24 to security plan Changes do not decrease safeguards effectiveness of security plan. Page withheld (ref 10CFR73.21(c)).  
JOHNSON,B.D. Consumers Power Co. 90/03/21. Document Control Branch (Document Control Desk). 1p. 53184-077-53184-077.

#### J. Insurance & Indemnity Information

9003120123 Responds to Generic Ltr 90-01 re request for voluntary participation in NRC Regulatory Impact Survey Completed questionnaire includes info on NRC insps, required QA audits, NELIA & MAELU insps, State of MI insps & FEMA insps.  
BERRY,K.W. Consumers Power Co. 90/03/01. Document Control Branch (Document Control Desk). 28pp. 52975-302-52975-328.

#### O. Advisory Committee on Reactor Safeguards reports & correspondence

9002280070 Submits summary of actions discussed at ACRS 353rd meeting on 890907-09, including rept & ltrs, other actions, agreements, assignments & requests & future agenda  
REMICK,F.J. ACRS - Advisory Committee on Reactor Safeguards. 89/10/04. CARR,K.M. Commissioners 2pp. 52778-010-52778-011.

#### P. Operating license stage documents & correspondence

9002270190 Lists suggested topics for licensee info conference, per 900117 request.  
JOHNSON,B.D. Consumers Power Co. 90/02/12. GREENMAN,E.G. Region 3, Ofc of the Director. 1p. 52756-186-52756-186.

9002220376 Requests complete application for amend to License DPR-20 re creation of new responsibility for plant review committee, including 10CFR50.91(a) analysis. Submittal requested by 900320.  
DE AGAZIO,A.W. Project Directorate III-1. 90/02/14. BERRY,K.W. Consumers Power Co. 4pp. 52705-303-52705-306.

9002230502 Forwards draft Technical Evaluation Rept EGG-SSRE-8834, "Insights Into Palisades PORV & Block Valve Tests," representing analysis of testing performed on plant pilot-operated relief valve & block valve at Wylie Labs.  
DE AGAZIO,A.W. Project Directorate III-1. 90/02/16. BERRY,K.W. Consumers Power Co. 3pp. 52718-042-52718-115.

-9002230508 Draft "Insights Into Palisades PORV & Block Valve Tests," util on rept  
STEELE,R., DEWALL,D.G. EG&G Idaho, Inc. (subs of EG&G, Inc.). ST National Engineering Laboratory. FIN A-8857. EGG-SSRE-8834 Draft of Engineering (Post 870413). 71pp. 52718-045-52718-115.

9003020169 Forwards preliminary response to NRC 900104 concerns valve mod per 900223 request  
SMEDELEY,R.W. Consumers Power Co. 90/02/23. Document Control Branch (Document Control Desk). 47pp 52799-115-52799-161.

9003020232 Forwards most recent action plan update for improving sample monitor sys (PASM) reliability PASM panel availability stood at 100% to receive strong mgt attention.  
JOHNSON,B.D. Consumers Power Co. 90/02/23. Document Control Branch (Document Control Desk). 17pp 52798-306-52798-322

9003130110 Forwards Rev 13 to EM-09-02, "Inservice Testing of Plant Loopup to 891002 response to Generic Ltr 89-04 Valves requiring mod/ In Attachment 4.  
FRISCH,R.R. Consumers Power Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52991-202-52991-321.

-9003130116 Rev 13 to Procedure EM-09-02, "Inservice Testing of Plant"  
Consumers Power Co. 90/02/08. 119pp. 52991-203-52991-321.

9003120102 Forwards summary of current Viking connector schedule Schedule revised to ensure that connectors w/ greatest opance replaced on priority basis Replacement scheduled for Spring 1990  
JOHNSON,B.D. Consumers Power Co. 90/03/01. Document Control Branch (Document Control Desk). 4pp 52975-346-52975-348.

9003120123 Responds to Generic Ltr 90-01 re request for voluntary NRC Regulatory Impact Survey Completed questionnaire includes insps, required QA audits, NELIA & MAELU insps, State of MI insps & FEMA insps.  
BERRY,K.W. Consumers Power Co. 90/03/01. Document Control Branch (Document Control Desk). 28pp. 52975-302-52975-328.

9003150096 Forwards proposed Tech Spec Section 3.1.1h change re use of variable PORV setpoint during low temp overpressure protection  
SMEDELEY,R.W. Consumers Power Co. 90/03/02. Document Control Branch (Document Control Desk). 4pp. 53025-146-53025-149

9003180027 Confirms 900318 meeting to discuss design change program mail condition & other items of mutual interest.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/03/08. HOFFMAN, Power Co. 1p. 53080-330-53080-330.

9003260265 Requests schedular exemption to 10CFR50, App R, Section I, containment air room until automatic suppression sys installed Upon exemption, util w/ withdraw mentioned exemption requests filed on 851004 & 890111.  
SMEDELEY,R.W. Consumers Power Co. 90/03/13. Document Control Branch (Document Control Desk). 7pp 53189-068-53189-074.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interfacelated Components". See list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/01. Edison Co. of New York, Inc. 55pp. 53185-014-53185-069.

9003270317 Requests that expiration date of full term OL for plant 110324.  
BERRY,K.W. Consumers Power Co. 90/03/20. Document Control Branch (Document Control Desk). 7pp. 53184-088-53184-072.

#### Q. Inspection reports, IE Bulletins & correspondence

9002220482 Forwards operability determination for Viking connector circula, per Insp Rept 50-255/89-05. Subj connectors expected to be 1990 spring maint outage Operability determination info encl.  
BERRY,K.W. Consumers Power Co. 90/02/06. Document Control Branch (Document Control Desk). 13pp. 52714-171-52714-183.

9002260498 Responds to violations noted in Insp Rept 50-255/89-28 and corrective actions. Licensee concludes that all instrumented Insp to performed at plant in accordance w/ plant specific procedures.  
BERRY,K.W. Consumers Power Co. 90/02/06. Document Control Branch (Document Control Desk). 5pp. 52725-333-52725-344.

-9002260502 "Review of HAFSA Int'l, Inc. Instrumented Insp Technique"  
HAMSTAD,M. Denver, Univ. of, Denver, CO. 89/02/28. 7pp 52725-338

9002220478 Forwards info re qualification of Viking potted connectors, Insp Rept 50-255/89-05. Connector qualification lacks only test data re resistance breakdown.  
BERRY,K.W. Consumers Power Co. 90/02/07. Document Control Branch (Document Control Desk). 27pp. 52704-002-52704-028.

9002270190 Lists suggested topics for licensee info conference, per 900117 request.  
JOHNSON,B.D. Consumers Power Co. 90/02/12. GREENMAN,E.G. Region 3, Ofc of the Director. 1p. 52756-186-52756-186.

9002270354 Forwards Safety Insp Rept 50-255/89-34 on 891215-90012 noted.  
AXELSON,W.L. Region 3, Ofc of the Director. 90/02/14. HOFFMAN, Power Co. 2pp. 52756-102-52756-114.

-9002270355 Insp Rept 50-255/89-34 on 891215-900126. No violation noted. Major areas inspected: plant operations, reactor trips, ESF walkdowns, maint, surveillance, reportable events & bulletins.  
BURGESS,B.L. Region 3, Ofc of the Director. 90/02/14. 11pp. 52756-

9003010487 Encl 90-019 on 900220, notice of violation & proposed imposition of civil penalty in amount of \$75,000 will be issued to licensee based on multiple examples of inadequate design control & failure to follow procedures.  
PERFETT, R. LIEBERMAN, J. OIC of Enforcement (Post 870413). 90/02/14. 1p. 52781-160-52781-160.

9003010271 Discusses insp on 890814-1207 & forwards notice of violation & proposed imposition of civil penalty in amount of \$75,000. Corrective action documents not initiated for significant deficiencies & no root cause evaluations performed.  
DAVIS, A.B. Region 3, OIC of the Director. 90/02/20. HOFFMAN, D.P. Consumers Power Co. 4pp. 52783-190-52783-235.

9003010273 Notice of violation & proposed imposition of civil penalty in amount of \$75,000. Noncompliance noted measures inadequate for mods performed in 1987 to assure that design bases correctly translated into design documents.  
DAVIS, A.B. Region 3, OIC of the Director. 90/02/20. 4pp. 52783-194-52783-235.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776-262-52776-360.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776-163-52776-261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp. 52844-031-52844-099.

9003120123 Responds to Generic Ltr 90-01 re request for voluntary participation in NRC Regulatory Impact Survey. Completed questionnaire includes info on NRC insps, required QA audits, NELIA & MAELU insps, State of MI insps & FEMA insps.  
BERRY, K.W. Consumers Power Co. 90/03/01. Document Control Branch (Document Control Desk). 28pp. 52975-302-52975-329.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844-100-52844-198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/08. Consolidated Edison Co. of New York, Inc. 8pp. 52997-004-52997-094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997-095-52997-180.

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 11pp. 52997-288-52998-018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 10pp. 52844-189-52844-208.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copus-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-098-52963-199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52983-200-52983-209.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52964-048.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

9003200151 Forwards Safety Insp 50-255/90-08 on 900221 & notice of deviation. Deviation appears to demonstrate lack of mgt oversight to ensure commitments to NRC met re tube misplugging in steam generators.  
MILLER, H.J. Region 3, OIC of the Director. 90/03/14. HOFFMAN, D.P. Consumers Power Co. 2pp. 53077-325-53077-331.

9003200154 Notice of deviation on 900221. Deviation noted failure to perform v.dco verification of tube plugging in cold leg side of steam generators during last insp.  
MILLER, H.J. Region 3, OIC of the Director. 90/03/14. 1p. 53077-327-53077-327.

9003200183 Insp Rept 50-255/90-08 on 900221. Deviations noted Major areas inspected licensee action in response to previously identified items.  
SCHAPIER, J.F., DANIELSON, D.H. Region 3, OIC of the Director. 90/03/14. 4pp. 53077-328-53077-331.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-128-53035-226.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

9003180308 NRC Info Notice 90-021, "Potential Failure of Motor Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

9003120623 "1989 Annual Operating Report Occupational Exposure." W/900228 ltr.  
JOHNSON, B.D. Consumers Power Co. 89/12/31. 4pp. 52973-336-52973-339.

9003120631 "Semiannual Radioactive Effluent Release & Waste Disposal Rept Jul-Dec 1989." W/900228 ltr.  
JOHNSON, B.D. Consumers Power Co. 89/12/31. 12pp. 52909-001-52909-012.

9002280557 Forwards bimonthly work order status reports for Dec 1989 & Jan 1990 per 851227 commitment.  
JOHNSON, B.D. Consumers Power Co. 90/02/15. Document Control Branch (Document Control Desk). 3pp. 52721-026-52721-026.

9003200112 Monthly operating report for Feb 1990 for Palisades Nuclear Plant. W/900308 ltr.  
MLYNAREK, M.G., GORALSKI, G. Consumers Power Co. 90/02/28. 5pp. 53078-001-53078-005.

9003190222 Forwards monthly trend graph report for Jan 1989 - Jan 1990, per 890725 telcon.  
JOHNSON, B.D. Consumers Power Co. 90/03/12. Document Control Branch (Document Control Desk). 6pp. 53048-268-53048-273.

## S. Reportable occurrences, LERs & related correspondence

9003080392 Part 21 report re defective PORV block valve w/ Limiting Actuator Type SMB 00-25. Caused by missing pin that connects limit switch drive gear to main actuator drive train. Valve actuator disassembled to find cause of malfunction.  
BERRY, K.W. Consumers Power Co. 90/02/27. Document Control Branch (Document Control Desk). 4pp. 52987-082-52987-085.

9003120117 LER 89-023-01 on 891010, identified that U-bolt connection assembly for main steam line support structure exceeded stress allowed by FSAR by approx 14%. Caused by inadequate review of analyses by vendor. W/900301 ltr.  
KOZUP, C.S., JOHNSON, B.D. Consumers Power Co. 90/03/01. 8pp. 52979-135-52979-142.

## Y. Dry Cask Independent Spent Fuel Storage Installations

9003200420 Forwards license application for constructing & operating ISFSI at Palisades Nuclear Power Plant. Decommissioning plan, emergency plan, QA program & personnel training program encl w/ application.  
BERRY, K.W. Consumers Power Co. 90/03/12. Division of Industrial & Medical Nuclear Safety (Post 870720). 4pp. 53076-090-53076-363.

9003200423 Application for license to construct & operate dry cask ISFSI at Palisades Nuclear Plant.  
\* Consumers Power Co. 90/03/12. 58pp. 53076-094-53076-151.

9003200434 "Palisades SAR."  
\* Pacific Sierra Nuclear Associates. 89/10/31. 212pp. 53078-152-53078-363.

## DOCKET 60-259 BROWNS FERRY NUCLEAR POWER STATION, UNIT 1

## H. General correspondence

9003050329 Advises that prior notification of permanent changes to unit organization & senior managers no longer required. Decision based on NRC acceptance of corporate performance plan, rel in SER (Vol 1 to NUREG-1232).  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/02/28. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52826-164-52826-167.

9003140372 Advises of senior mgt changes. PR Mandava resigned 900218 & position will remain vacant until replacement named. EG Wallace named manager for nuclear licensing & regulatory affairs.  
KINGSLEY, O.D. Tennessee Valley Authority. 90/02/27. CRUTCHFIELD, D. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 2pp. 53000-290-53000-300.

## P. Operating license stage documents & correspondence

9003090111 Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear plants licensed by NRC. Meeting conducted biannually to focus resources on those plants & issues of greatest safety significance.  
STELLO, V. OIC of the Executive Director for Operations. 89/05/28. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52987-023-52987-026.

9003130127 Application for amendments to Licenses DPR-33, DPR-52 & DPR-68, changing Tech Specs to clarify Limiting Condition for Operation 3.9.A.1 re diesel generator 7-day fuel oil requirements & fuel oil sampling.  
MEDFORD, M.O. Tennessee Valley Authority. 90/01/31. Document Control Branch (Document Control Desk). 3pp. 52628-148-52628-167.

9002130129 Proposed Tech Specs re auxiliary electrical sys, auxiliary electrical equipment & availability of diesel fuel oil.  
\* Tennessee Valley Authority. 90/01/31. 18pp. 52628-149-52628-167.

9002140229 Provides updated response to Generic Ltr 83-28, Item 2.2.2 Guidelines submitted by NRC 870211. It will be incorporated into corporate std for issuance by 900731. Document with describe TVA vendor manual control program. RAY, M.J. Tennessee Valley Authority. 90/02/07. Document Control Branch (Document Control Desk). 2pp. 52737.054-52737.056

9002260011 Summarizes NRC 900122.23 senior managers meeting re performance of plants licensed to operate by NRC. TAYLOR, J.M. Cdc of the Executive Director for Operations. 90/02/12. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52703.354-52703.356

9002270157 Forwards Rev 0 to "TVA Nuclear QA Plan," including all corrected & revised pages & changes made per 891003 meeting, various letters & previous submittals. Plan will be implemented by 900630. RAY, M.J. Tennessee Valley Authority. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52756.158-52756.313

9002270387 Rev 0 to "TVA Nuclear QA Plan." KINGSLEY, O.D., MARTIN, L.E. Tennessee Valley Authority. 90/06/30. 113pp. 52756.290-52756.313

9002260526 Discusses plant's design control program. L1 adopted concept of design change implementation package (DCIP). DCIP will contain or refer design change notice prepared per approved procedures. MEDFORD, M.O. Tennessee Valley Authority. 90/02/16. Document Control Branch (Document Control Desk). 2pp. 52725.345-52725.346

9002260536 Documents 0005's as time interval of integration used in analyses of Seismic Class I structures. No specific definition of seismic analysis time interval of integration for other Seismic Class I structures provided in plant FSAR. RAY, M.J. Tennessee Valley Authority. 90/02/16. Document Control Branch (Document Control Desk). 3pp. 52739.160-52739.162

9002280103 Responds to NRC 891219 request for addl info re control room habitability - hazardous chemicals. Unit will provide response to NRC request by 900531. RAY, M.J. Tennessee Valley Authority. 90/02/20. Document Control Branch (Document Control Desk). 3pp. 52779.218-52779.221

9003120692 Responds to SC Black 900129 ltr requesting info re compliance w/ 10CFR26. Unit believes action necessary in interest of public safety & defense bldg under law. KINGSLEY, O.D. Tennessee Valley Authority. 90/03/02. TAYLOR, J.M. Cdc of the Executive Director for Operations. 6pp. 52998.272-52998.277

9003130376 Application for amendments to Licenses DPR-33, DPR-52 & DPR-68, consisting of Tech Spec Change Request 276 defining remaining portion of temporary Amendments 151, 147 & 122 for Units 1, 2 & 3, respectively. RAY, M.J. Tennessee Valley Authority. 90/03/06. Document Control Branch (Document Control Desk). 4pp. 52995.168-52995.195

9003130382 Proposed Tech Specs re standby gas treatment sys & secondary containment sys. \* Tennessee Valley Authority. 90/03/06. 24pp. 52995.172-52995.195

9003140326 Requests stringent review of 800306 Tech Spec Change Request 276 re standby gas treatment/secondary containment sys & waiver of compliance. Maintaining secondary containment integrity will extend outage mod schedule approx 4 wks. CARLIER, P.P. Tennessee Valley Authority. 90/03/06. Document Control Branch (Document Control Desk). 3pp. 53029.342-53029.344

9003220078 Grants temporary waiver of compliance from Limiting Condition for Operation 37C2 d for secondary containment & standby gas treatment sys, per unit 900308 request. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/08. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 53174.231-53174.233

9003160217 Forwards Rev 1 to Topical Rept TVA-NP0D89, "Nuclear Power Organization Description." WALLACE, E.G. Tennessee Valley Authority. 90/03/09. Document Control Branch (Document Control Desk). 5pp. 53039.161-53039.223

9003160379 Rev 1 to Topical Rept TVA-NP0D89, "Nuclear Power Organization Description." \* Tennessee Valley Authority. TVA-NP0D89 R01. 90/03/01. 57pp. 53039.166-53039.223

9003230147 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Sys used at plant to transfer heat from safety-related structures, sys & components to ultimate heat sink discussed. MEDFORD, M.O. Tennessee Valley Authority. 90/03/16. Document Control Branch (Document Control Desk). 12pp. 53145.224-53145.235

9003230231 Provides examples of weaknesses in procedure development guidance at plant per Dec 1989 review. Encl illustrates that undesirable procedure variations can be due to insufficient guidance &/or lack of conformance to existing guidance. BLACK, S.C. Assistant Director for Projects. 90/03/19. KINGSLEY, O.D. Tennessee Valley Authority. 8pp. 53145.236-53145.243

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53185.014-53185.069

9003260558 Forwards pages inadvertently omitted from 900131 ltr re diesel generators. WALLACE, E.G. Tennessee Valley Authority. 90/03/20. Document Control Branch (Document Control Desk). 8pp. 53155.317-53155.325

9003270035 Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47, 'Safety Implication of Control Sys in LWR Nuclear Power Plants.'" Unit will submit response by 900504. WALLACE, E.G. Tennessee Valley Authority. 90/03/21. Document Control Branch (Document Control Desk). 3pp. 53184.078-53184.080

## Q. Inspection reports, IE Bulletins & correspondence

9002260118 Confirms telcon w/P Salas & W Little on 900123 re enforcement conference to discuss weaknesses in corrective actions & resolution of control of Shu issues identified in Insp Repts 50-259/89-55, 50-260/89-55 & 50-266/89-55. WILSON, B.A. Region 2. Cdc of the Director. 90/02/05. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52733.030-52733.032

9003050045 Forwards Insp Repts 50-259/89-02, 50-260/90-02 & 50-298/90-02 on 900108-12 No violations or deviations noted. WILSON, B.A. Assistant Director for Inspection Programs. 90/02/12. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52825.037-52825.049

9003050048 Insp Repts 50-259/90-02, 50-260/90-02 & 50-266/90-02 on 900108-12 No violations or deviations noted. Major areas inspected: radiological liquid & gaseous effluents, water chemistry & confirmatory measurements. MARSTON, R.R., DECKER, T.R. Region 2. Cdc of the Director. 90/02/12. 10pp. 52825.054-52825.049

9002260044 Responds to request for addl info re denial of Violation 50-260/89-12. Encl analysis demonstrates that emergency equipment cooling water design was made to maintain following postulated system event. RAY, M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 27pp. 52711.075-52711.101

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion on Cracking of In-core BCC." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776.202-52776.360

9003080250 EN-90-028 advises that broad discretion will be exercised & civil penalty will not be issued for Severity Level III problem re inadequate lost procedures & late to meet lost intervals at units presently in extended shutdown. TROSKOSKI, W., LIEBERMAN, J. Cdc of Enforcement (Post 870413). 90/02/23. 2pp. 52894.054-52894.054

9002230283 NRC Info Notice 90-011, "Main Delineation Associated W/ Forced-Operated Valves." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776.163-52776.261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776.163-52776.261

9003160103 Forwards summary of enforcement conference on 900214 to discuss apparent weaknesses & corrective actions to correct problems w/control of SKM & plant list of attendees & minutes presented at meeting also encl. WILSON, B.A. TVA Projects Division (890101-900602). 90/03/01. KINGSLEY, O.D. Tennessee Valley Authority. 14pp. 53041.153-53041.166

9003130021 Discusses Insp Repts 50-259/89-43, 50-260/89-43 & 50-298/89-43 on 890911-1011 & forwards notice of violation. Violations include inadequate lost procedures & failure to meet surveillance test intervals. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 53014.326-53014.332

9003130024 Notice of violation from Insp on 890911-1011. Violation noted: licensee failed to adequately establish & implement Surveillance Procedure O-SI 4.2 B.7. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. 4pp. 53014.329-53014.332

9003140400 Confirms 000332 ltr on 900201 notice of violation. Period for response to notice of violation extended until NRC takes action on 900212 request for repl. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 53000.270-53000.289

9002270389 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 98pp. 52844.100-52844.188

9003130405 Responds to NRC 900118 ltr re violations noted in Insp Repts 50-259/89-53, 50-260/89-53 & 50-266/89-53. Corrective actions, training provided to on-site operators w/emphasis on adherence to procedures. MEDFORD, M.O. Tennessee Valley Authority. 90/03/05. Document Control Branch (Document Control Desk). 11pp. 53014.284-53014.294

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/03/06. Consolidated Edison Co. of New York, Inc. 89pp. 52997.001-52997.094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Participation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997.095-52997.189

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52997.238-52997.018

9003010293 Suppl 2 to NRC Info Notice 89-050, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298

9003150312 Forwards redacted investigation Rept 2-88-015 & extends requested 33-day response time by addl 30 days from ltr date to allow review & respond as appropriate per unit 900212 request. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/07. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 53033.111-53033.112



--9003150359 Redacted Investigation Rept 2-86-016 re alleged mail false statement by two senior TVA managers. Investigation determined that TVA general counsel intentionally misled NRC re TVA handling of Energy Reorganization Act complaints. NORTON, L.J., MURPHY, D.D., VOSE, J.Y. Ofc of Investigations (Post 880201). 88/04/14. 695pp. 53033 113-53035.087.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52983 086-52983.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp. 52983 200-52983.299.

9003050148 NRC Bulletin 90-001, "Loss of Field in Transmitters Mfg by Rosemount." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp. 52983 300-52983.048.

9003210104 Forwards Insp Repts 50-259/90-01, 50-260/90-01 & 50-266/90-01 on 900115-0216 Violations noted but not cited. WILSON, B. Assistant Director for Inspection Programs 90/03/13 KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 53098 152-53098.166.

--9003210107 Insp Repts 50-259/90-01, 50-260/90-01 & 50-266/90-01 on 900115-0216 Violations noted re cable pulling activities. Major areas inspected: operational safety, ventilation, surveillance observation, modes & site mgmt/organization. CARPENTER, D.R., PATTERSON, C.A. Region 2, Ofc of the Director. LITTLE, W.S. TVA Projects Division (890101-900602). 90/03/12 13pp. 53098 154-53098.166.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52987 190-52987.287.

9003230156 Responds to NRC 900130 ltr re violations noted in Insp Repts 50-259/89-57, 50-260/89-57 & 50-266/89-57. Corrective action, personnel involved w/removal of existing supports have been counseled in requirements for procedural adherence. MEDFORD, M.O. Tennessee Valley Authority. 90/03/16 Document Control Branch (Document Control Desk). 7pp. 53146 003-53146.009.

9003280117 Provides revised corrective action plan intended to refine plan to accomplish more effective documentation of training by placing responsibility on supervisor/manager in nuclear engineering. MEDFORD, M.O. Tennessee Valley Authority. 90/03/16 Document Control Branch (Document Control Desk). 6pp. 53190 153-53190.157.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 98pp. 53035 129-53035.228.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168 057-53168.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165.108.

## R. Periodic operating reports & related correspondence

9003090446 "Semiannual Radiological Effluent Release Rept, Jul-Dec 1989." W/900301 ltr. WALLACE, E.G. Tennessee Valley Authority. 89/12/31. 278pp. 62049 050-52949.337.

9002280005 Monthly operating repts for Jan 1990 for Browns Ferry Units 1, 2 & 3. W/900216 ltr. RATLIFF, S.A., RAY, M.L. Tennessee Valley Authority. 90/01/31. 12pp. 52710 342-52710.353.

## S. Reportable occurrences, LERs & related correspondence

9003200368 Part 21 rept re defective pieces of ASTM A500 square tubing mfg by UNR. Leavitt. Initially reported by licensee on 900215. Limited number of 29 pieces determined to actually be defective per TVA visual Insp. Mat'l will be returned. BURGER, N. Slakin Steel & Supply Co., Inc. 90/02/16. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 53105 004-53105.005.

9003080189 LER 90-002-00 on 900124, while performing manual transfer of power supplies for 480-volt shutdown board, alternate power supply failed to close, resulting in ESF actuations. Caused by inadequate procedure. Instructions revised W/900221 ltr. BAXTER, J.R., BYNUM, J.R. Tennessee Valley Authority. 90/02/21. 4pp. 52829 231-52829.234.

9003020075 Part 21 rept re ABB 27/59 Relay Catalog Series 211L Solder connections to printed wiring runs on bottom of circuit board deteriorated due to thermal stress. No actual failure occurred & relays to be changed at next outage. KAISER, A.F. ASEA Brown Boveri, Inc. 90/02/22. BERLINGER, C. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52798 341-52798.343.

9003070020 Part 21 rept re solder connections in ABB 27/59 relays deteriorated due to thermal stress, causing bonding of printed wiring pattern to glass epoxy circuit board. Interim circuit board w/larger pads & higher wattage will be used. KAISER, A.F. ASEA Atom, Inc. 90/02/22. BERLINGER, C. Generic Communications Branch. 3pp. 52888 207-52888.208.

9003130001 LER 90-003-00 on 900201, normally open fan inlet damper discovered closed causing standby gas treatment sys Train B to be inoperable. Root cause of event could not be determined. Mechanical stop repositioned. W/900305 ltr. WETZEL, S.A., BYNUM, J.R. Tennessee Valley Authority. 90/03/05. 4pp. 52979 246-52979.249.

## DOCKET 50-260 BROWNS FERRY NUCLEAR POWER STATION, UNIT 2

### H. General correspondence

9003050329 Advises that prior notification of permanent changes to unit organization & senior managers no longer required. Decision based on NRC acceptance of corporate performance plan, ref in SER (Vol 1 to NUREG-1232). CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/02/26. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52825 184-52825.167.

9003140372 Advises of senior mgmt changes. PR Mandava resigned 900216 & position will remain vacant until replacement named. EG Wallace named manager for nuclear licensing & regulatory affairs. KINGSLEY, O.D. Tennessee Valley Authority. 90/02/27. CRUTCHFIELD, D. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 2pp. 53000 209-53000.300.

### P. Operating license stage documents & correspondence

9003090111 Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear plants licensed by NRC. Meeting conducted biannually to focus resources on those plants & issues of greatest safety significance. STELLQ, V. Ofc of the Executive Director for Operations. 89/05/26. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 52967 023-52967.026.

9002130127 Application for amendments to Licenses DPR-33, DPR-52 & DPR-68, changing Tech Specs to clarify Limiting Condition for Operation 3.9 A.1 re diesel generator 7-day fuel oil requirements & fuel oil sampling. MEDFORD, M.O. Tennessee Valley Authority. 90/01/31. Document Control Branch (Document Control Desk). 3pp. 52628 146-52628.167.

--9002130129 Proposed Tech Specs re auxiliary electrical sys, auxiliary electrical equipment & availability of diesel fuel oil. \* Tennessee Valley Authority. 90/01/31. 19pp. 52028 149-52028.167.

9002140229 Provides updated response to Generic Ltr 83-28, Item 2.2.2 Guidelines submitted by NRC 870211 ltr will be incorporated into corporate sid for issuance by 900731. Document will describe TVA vendor manual control program. RAY, M.J. Tennessee Valley Authority. 90/02/07. Document Control Branch (Document Control Desk). 3pp. 52737 054-52737.056.

9002230076 Requests that unit provide within 30 days, formal response to listed questions &/or concerns re plant power ascension testing program per 891214, 0908.22 & 1030 ltrs. BLACK, S. Assistant Director for Projects. 90/02/12. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52715 143-52715.145.

9002260011 Summarizes NRC 900122-23 senior managers meeting re performance of plants licensed to operate by NRC. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/12. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52709 354-52709.356.

9002270167 Forwards Rev 0 to "TVA Nuclear QA Plan," including all corrected & revised pages & changes made per 881003 meeting. Various telcons & previous submissions plan will be implemented by 900630. RAY, M.J. Tennessee Valley Authority. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52756 198-52756.313.

--9002270387 Rev 0 to "TVA Nuclear QA Plan." KINGSLEY, O.D., MARTIN, L.E. Tennessee Valley Authority. 90/06/30. 113pp. 52756 200-52756.313.

9002280227 Summary of 900213 meeting w/unit in Rockville, MD to discuss facility cable installation program. MASCIANTONIO, A. TVA Projects Division (890101-900602). 90/02/16. TVA Projects Division (890101-900602). 10pp. 52722 056-52722.065.

9002280487 Provides notification of NUREG-0737, Item II F.1.3, "Containment High-Rate Radiation Monitor," implementation. RAY, M.J. Tennessee Valley Authority. 90/02/16. Document Control Branch (Document Control Desk). 2pp. 52720 325-52720.326.

9002280526 Discusses plants design control program. Util adopted concept of design change implementation package (DCIP). DCIP will contain or ref design change notice prepared per approved procedures. MEDFORD, M.O. Tennessee Valley Authority. 90/02/16. Document Control Branch (Document Control Desk). 2pp. 52725 345-52725.346.

9002280536 Documents 0.005 s as time interval of integration used in analyses of Seismic Class I structures. No specific definition of seismic analysis time interval of integration for other Seismic Class I structures provided in plant FSAR. RAY, M.J. Tennessee Valley Authority. 90/02/16. Document Control Branch (Document Control Desk). 3pp. 52739 160-52739.162.

9002280103 Responds to NRC 891219 request for addl info re control room habitability - hazardous chemicals. Util will provide response to NRC request by 900531. RAY, M.J. Tennessee Valley Authority. 90/02/20. Document Control Branch (Document Control Desk). 3pp. 52779 218-52779.221.

9003090472 Responds to NRC 891219 ltr for addl info re flexible conduit. Calculations will be revised to reflect accelerometer displacement & summation of displacement w/test table displacement will be used to establish max top of cabinet. WALLACE, E.G. Tennessee Valley Authority. 90/03/02. Document Control Branch (Document Control Desk). 15pp. 52988 238-52988.252.



9003120692 Responds to SAC Branch 800306 for requesting info re compliance with 10CFR26. Unit believes action necessary in interest of public safety & defensible under law.  
KINGSLEY, O.D. Tennessee Valley Authority. 90/03/02. TAYLOR, J.M. Ofc of the Executive Director for Operations. 6pp. 52998.272-52998.277.

9003130378 Application for amendments to Licenses DPR-33, DPR-52 & CPR-68, consisting of Tech Spec Change Request 276, detailing remaining portion of temporary Amendments 151, 147 & 122 for Units 1, 2 & 3 respectively.  
RAY, M.J. Tennessee Valley Authority. 90/03/06. Document Control Branch (Document Control Desk). 4pp. 52995.168-52995.195

-9003130382 Proposed Tech Specs re standby gas treatment sys & secondary containment sys.  
\* Tennessee Valley Authority. 90/03/06. 24pp. 52995.172-52995.195

9003140326 Requests extant review of 900306 Tech Spec Change Request 276 re standby gas treatment/secondary containment sys & waiver of compliance. Maintaining secondary containment integrity will extend outage mod schedule approx 4 wks.  
CARRIER, P.P. Tennessee Valley Authority. 90/03/06. Document Control Branch (Document Control Desk). 3pp. 53029.342-53029.344.

9003220078 Grants temporary waiver of compliance from Limiting Condition for Operation 3.7.C.2.d for secondary containment & standby gas treatment sys per will 900396 request.  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/08. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 53174.231-53174.233

9003160217 Forwards Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description."  
WALLACE, E.G. Tennessee Valley Authority. 90/03/09. Document Control Branch (Document Control Desk). 5pp. 53039.161-53039.223.

-9003160379 Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description."  
\* Tennessee Valley Authority. TVA-NPOD89 R01. 90/03/01. 57pp. 53039.186-53039.223.

9003190105 Forwards "Operational Readiness Review Phase Two Rept Browns Ferry Unit Two." Rept notes improved areas, including continuing improvements in mgmt direction & control & concerns being aggressively pursued.  
KINGSLEY, O.D. Tennessee Valley Authority. 90/03/09. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 3pp. 53069.088-53069.123.

-9003190107 "Operational Readiness Review Phase Two Rept Browns Ferry Unit Two."  
\* Tennessee Valley Authority. 90/03/09. 33pp. 53069.091-53069.123.

9003230147 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Sys used at plant to transfer heat from safety-related structures, sys & components to ultimate heat sink discussed.  
MEDFORD, M.O. Tennessee Valley Authority. 90/03/16. Document Control Branch (Document Control Desk). 12pp. 53145.224-53145.235.

9003230231 Provides examples of weaknesses in procedure development guidance at plant per Dec 1989 review. Encl illustrates that undesirable procedure variations can be due to insufficient guidance &/or lack of conformance to existing guidance.  
BLACK, S.C. Assistant Director for Projects. 90/03/19. KINGSLEY, O.D. Tennessee Valley Authority. 8pp. 53145.236-53145.243.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

9003260558 Forwards pages inadvertently omitted from 900131 ltr re diesel generators.  
WALLACE, E.G. Tennessee Valley Authority. 90/03/20. Document Control Branch (Document Control Desk). 9pp. 53155.317-53155.325.

9003270036 Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47, 'Safety Implication of Control Sys in LWR Nuclear Power Plants.'" Unit will submit response by 900504.  
WALLACE, E.G. Tennessee Valley Authority. 90/03/21. Document Control Branch (Document Control Desk). 3pp. 53184.078-53184.080.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260118 Confirms telcon w/P Salas & W Little on 900123 re enforcement conference to discuss weaknesses in corrective actions & resolution of control of SNM issues identified in Insp Repts 50-269/89-55, 50-260/89-55 & 50-266/89-55.  
WILSON, B.A. Region 2, Ofc of the Director. 90/02/05. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52739.030-52739.032.

9003050045 Forwards Insp Repts 50-259/90-02, 50-260/90-02 & 50-266/90-02 on 900108-12. No violations or deviations noted.  
WILSON, B.A. Assistant Director for Inspection Programs. 90/02/12. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52825.037-52825.048.

-9003060048 Insp Repts 50-259/90-02, 50-260/90-02 & 50-266/90-02 on 900108-12. No violations or deviations noted. Major areas inspected: radiological liquid & gaseous effluents, water chemistry & confirmatory measurements.  
MARSTON, R.R., DECKERT, T.R. Region 2, Ofc of the Director. 90/02/12. 10pp. 52825.040-52825.048.

9002260004 Responds to request for addl info re denial of Violation 50-260/89-10-01. Encl analysis demonstrates that emergency equipment cooling water design flow would be maintained following postulated seismic event.  
RAY, M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 27pp. 52711.075-52711.101.

9003060140 Forwards Insp Rept 50-260/89-02 on 891109 & 1211-13. No violations noted.  
LIAW, B.D. TVA Projects Division (890101-900602). 90/02/16. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52887.277-52887.290.

9003060140 Forwards Insp Rept 50-260/89-02 on 891109 & 1211-13. No violations noted. Major areas inspected: design of CRD housing lateral restraint, design of restraint assembly & calculation of equivalent spring constant K1 & K2.  
CHENG, T.M., TERAOKA, D. TVA Projects Division (890101-900602). 90/02/16. 28pp. 52887.280-52887.290.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Control 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

9003080250 EN-90-028 advises that broad discretion will be exercised. It will not be issued for Severity Level III problem re inadequate test procedure to meet test intervals. All units presently in extended shutdown.  
TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 52894.054-52894.054.

9003130633 Forwards Insp Rept 50-260/89-59 on 891204-08. Implementation issues program generally meets program plan. Response to open items within 30 days of ltr receipt.  
LIAW, B.D. TVA Projects Division (890101-900602). 90/02/23. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52994.221-52994.247.

-9003130636 Insp Rept 50-260/89-59 on 891204-08. Open items noted: calculations, proper cable separation & spec for installation of test lines. Major areas inspected: electrical issues in nuclear performance plan.  
MARINOS, C.C., GARG, H.C., PAULITZ, F.P. TVA Projects Division (890101-900602). 24pp. 52994.224-52994.247.

9003190158 Forwards Insp Rept 50-260/89-42 on 891106-10. Requests for item issues be resolved & results of resolution be provided for staff & plant restart.  
LIAW, B.D. TVA Projects Division (890101-900602). 90/02/26. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 53048.083-53048.132.

-9003190161 Insp Rept 50-260/89-42 on 891106-10. Major areas inspected: open items in Rept 50-260/89-32, unit final resolution of control rod upgrade program & potential buckling of reactor vessel skirt support.  
CHENG, T.M., TERAOKA, D. Region 1, Ofc of the Director. 90/02/13. 37pp. 53048.132.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated With Stated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 99pp. 52776.163-52776.261.

9002230378 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Functions." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.099.

9003160103 Forwards summary of enforcement conference on 900214. parent weaknesses in corrective actions to correct problems w/control plant list of attendees & handout presented at meeting also encl.  
WILSON, B.A. TVA Projects Division (890101-900602). 90/03/01. KINGSLEY, O.D. Tennessee Valley Authority. 14pp. 53041.153-53041.166.

9003130021 Discusses Insp Repts 50-259/89-43, 50-260/89-43 & 50-266/89-43 & forwards notice of violation. Violations include inadequate procedures & failure to meet surveillance test intervals.  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 53014.326-53014.330.

-9003130024 Notice of violation from insp on 890911-1011. Violation failed to adequately establish & implement Surveillance Procedure O-SI-1.  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 4pp. 53014.328-53014.332.

9003140400 Confirms 900302 telcon re 900201 notice of violation. Period to notice of violation extended until NRC takes action on 900212 request.  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 53000.270-53000.272.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.198.

9003130405 Responds to NRC 900118 ltr re violations noted in Insp Rept 50-260/89-53 & 50-266/89-53. Corrective actions: training provided to operators w/emphasis on adherence to procedures.  
MEDFORD, M.O. Tennessee Valley Authority. 90/03/05. Document Control Branch (Document Control Desk). 11pp. 53014.284-53014.294.

9002260081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Material." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870411). Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.001.

9003010172 NRC Info Notice 90-015, "Reciprocity: Notification of Agreement Between Directors Before Beginning Work in Agreement States."  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870411). Consolidated Edison Co. of New York, Inc. 95pp. 52997.095-52997.095.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Event Logs." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870411). Consolidated Edison Co. of New York, Inc. 91pp. 52998.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003150312 Forwards redacted investigation Rept 2-86-015 & extends requested 30-day response time by addl 30 days from ltr date to allow review w/ response as appropriate per utl 900212 request  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602) 90/03/07. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 53033 111-53033 112

-9003150359 Redacted investigation on Rept 2-86-015 re alleged mail in'se statement by two senior TVA managers investigation determined that TVA general counsel intentionally misled NRC re TVA handling of Energy Reorganization Act complaints  
NORTON, L.J., MURPHY, D.D., VOSE, J.Y. Ofc of Investigations (Post 880201) 88/04/14. 695pp 53033 113-53035 087.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52963 095-52963 189

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp. 52963 300-52964 048.

9003210104 Forwards Insp Repts 50-259/90-01, 50-260/90-01 & 50-298/90-01 on 900115-0216 Violations noted but not cited  
WILSON, B. Assistant Director for Inspection Programs 90/03/13 KINGSLEY, O.D. Tennessee Valley Authority 2pp. 53098 152-53098 166

-9003210107 Insp Repts 50-259/90-01, 50-260/90-01 & 50-298/90-01 on 900115-0216 Violations noted re cable pulling activities. Major areas inspected: operational safety verification, surveillance observation, mode & site mgmt/organization  
CARPENTER, D.R., PATTERSON, C.A. Region 2, Ofc of the Director. LITTLE, W.S. TVA Projects Division (890101-900602). 90/03/12. 13pp. 53098 154-53098 106.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14 Consolidated Edison Co. of New York, Inc. 88pp. 52997 100-52997 207

9003230131 Forwards responses to open items noted in Insp Rept 60-290/89-44 No utl act on re open issue concerning Engineering Mechanics Group (EMG) 028, dealing w/ A-48 interfaces w/IE Bulletin 79-14 piping currently required  
MEDFORD, M.O. Tennessee Valley Authority. 90/03/16. Document Control Branch (Document Control Desk). 16pp. 53132 271-53132 286.

9003230168 Responds to NRC 900130 ltr re violations noted in Insp Repts 50-259/89-57, 50-260/89-57 & 50-298/89-57. Corrective action personnel involved w/removal of existing supports have been counseled in requirements for procedural adherence  
MEDFORD, M.O. Tennessee Valley Authority. 90/03/16. Document Control Branch (Document Control Desk). 7pp. 53146 003-53146 009.

9003260117 Provides revised corrective action plan intended to refine plan to accomplish more effective documentation of training by placing responsibility on supervisor/manager in nuclear engineering  
MEDFORD, M.O. Tennessee Valley Authority. 90/03/16. Document Control Branch (Document Control Desk). 5pp. 53190 153-53190 157.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Box." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035 129-53035 226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Roadway Incinerators" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168 057-53168 147.

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132 100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 108.

## R. Periodic operating reports & related correspondence

9003090448 "Semiannual Radiological Effluent Release Rept, Jul-Dec 1989." W/800301 ltr.  
WALLACE, E.G. Tennessee Valley Authority. 89/12/31. 278pp. 52949 050-52949 337.

9002260005 Monthly operating repts for Jan 1990 for Browns Ferry Units 1,2 & 3 W/ 900218 ltr.  
RATLIFF, S.A., RAY, M.L. Tennessee Valley Authority. 90/01/31. 12pp. 52710 342-52710 353.

## S. Reportable occurrences, LERs & related correspondence

9003200368 Part 21 rept re defective pieces of ASTM A500 square tubing mfg by UNR. Leavitt initially reported by licensee on 900215. Limited number of 29 pieces determined to actually be defective, per TVA visual insp. Matl will be returned  
BURGER, N. Siskin Steel & Supply Co., Inc. 90/02/16. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 53105 004-53105 005.

9003020076 Part 21 rept re ABB 27/59 Relay Catalog Series 211L. Solder connections to printed wiring runs on bottom of circuit board deteriorated due to thermal stress. No actual failure occurred & relays to be changed at next outage.  
KAISER, A.F. ASEA Brown Boveri, Inc. 90/02/22. BERLINGER, C. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52788 341-52788 343.

9003070020 Part 21 rept re solder connections in ABB 27/59 relays deteriorated due to thermal stress, causing burning of printed wiring pattern to glass epoxy circuit board. Interim circuit board w/larger pads & higher wattage will be used.  
KAISER, A.F. ASEA Atom, Inc. 90/02/22. BERLINGER, C. Generic Communications Branch 3pp. 52888 207-52888 209.

9003080438 LER 89-028-01 on 891206 reactor protection sys (RPS) actuation occurred due to RPS signal generated by low scram pilot air header pressure. Caused by failure of soldered connection. Air leaks repaired W/900228 ltr.  
HOUSLEY, D.A., BYNUM, J.R. Tennessee Valley Authority. 90/02/28. 5PP. 52898 001-52898 005.

## DOCKET 50-261 H.B. ROBINSON PLANT, UNIT 2

### F. Security, medical, emergency & fire protection plans

9002220541 Responds to violations noted in Insp Rept 50-261/89-28. Corrective actions add. pan/ltr zoom added to alarm message for Zones 5 & 6 & fixed camera zoomed to provide assessment capability for Zone 10.  
DIETZ, C.R. Carolina Power & Light Co. 90/02/05. Document Control Branch (Document Control Desk). 3pp. 52703 313-52703 315

9003010470 Revised emergency plan & procedures, including Rev 20 to PEP-205, Rev 25 to PEP-301 & Rev 10 to PEP-401 W/800215 ltr.  
MORGAN, R.E. Carolina Power & Light Co. 90/02/15. 17pp. 52766 201-52766 217.

9003020248 Forwards Rev 18 to industrial security plan Rev withheld (ref 10CFR73.21).  
LOFLIN, L.L. Carolina Power & Light Co. 90/02/23. Document Control Branch (Document Control Desk). 1p. 52798 266-52798 266

9003070151 Forwards SER re 840702 procedures generation package (PGP). PGP need to be reviewed to address programmatic improvements discussed in rept. Results of 890917-28 emergency operating procedures insp & encl discussion should be utilized.  
LO, R.H. Project Directorate II-1. 90/03/08. EURY, L.W. Carolina Power & Light Co. 3pp. 52889 161-52889 176.

-9003070156 SER re utl 840702 procedures generation package (PGP). PGP should be reviewed to address programmatic improvements outlined in rept & all revs to PGP should be reflected in plant emergency operating procedures in timely manner.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/08. 13pp. 52889 164-52889 176.

### J. Insurance & Indemnity Information

9003140289 Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re NRC team insps, INPO evaluations, insurer insps & EPA & OSHA insps.  
LOFLIN, L.L. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029 332-53029 341.

### P. Operating license stage documents & correspondence

9002260142 Forwards summary, list of attendees & utl handout from mgmt meeting on 891228 re licensee progress towards resolution of problems & technical concerns since forced outage of facility in Aug 1989 due to auxiliary feedwater problems.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/02/02. EURY, L.W. Carolina Power & Light Co. 43pp. 52720 002-52720 048.

9003070107 Forwards "Effluent & Waste Disposal Semiannual Rept for Jul-Dec 1989" & Rev 6 to ODCM.  
MORGAN, R.E. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52888 074-52888 153.

-9003070154 Rev 6 to "HB Robinson Steam Electric Plant, Unit 2 ODCM."  
MORGAN, R.E. Carolina Power & Light Co. 89/12/20. 14pp. 52888 136-52888 149.

9003140289 Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re NRC team insps, INPO evaluations, insurer insps & EPA & OSHA insps.  
LOFLIN, L.L. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029 332-53029 341.

9003140278 Responds to CDRR portion of post-implementation audit of TMI Action Plan Items I.D.1 & I.D.2 conducted on 890813-16. Implementation of reactor coolant pump temp indication project rescheduled for Refueling Outage 14 in 1992.  
CUTTER, A.B. Carolina Power & Light Co. 90/03/02. Document Control Branch (Document Control Desk). 5pp. 53000 333-53000 337.

9003070151 Forwards SER re 840702 procedures generation package (PGP). PGP need to be reviewed to address programmatic improvements discussed in rept. Results of 890917-28 emergency operating procedures insp & encl discussion should be utilized.  
LO, R.H. Project Directorate II-1. 90/03/08. EURY, L.W. Carolina Power & Light Co. 3pp. 52889 161-52889 176.

-9003070156 SER re utl 840702 procedures generation package (PGP). PGP should be reviewed to address programmatic improvements outlined in rept & all revs to PGP should be reflected in plant emergency operating procedures in timely manner.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/08. 13pp. 52889 164-52889 176.

9003190302 Approves calculation of nil ductility ref temp of reactor vessel bellline matl using surveillance capsule data, per pressure temp limits re Generic Ltr 88-11.  
LO, R.H. Project Directorate II-1. 90/03/09. EURY, L.W. Carolina Power & Light Co. 3pp. 53067 266-53067 268.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 89-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195 068.

9003260142 Presents NRC understanding of status of current unimplemented USIs at facility per Generic Ltr 89-21.  
LORR, Project Directorate II-1. 90/03/20. EURYL.W. Carolina Power & Light Co. 4pp. 53150-085-53150-089

#### Q. Inspection reports, IE Bulletins & correspondence

9002220541 Responds to violations noted in Insp Rept 50-261/89-29. Corrective actions add payload/zoom added to alarm message for Zones 5 & 6 & fixed camera zoomed to provide assessment capability for Zone 10.  
DETZ, C.R. Carolina Power & Light Co. 90/02/05. Document Control Branch (Document Control Desk). 3pp. 52703-313-52703-315.

9002260112 Forwards Insp Rept 50-261/89-32 on 891216-900110 No violations or deviations noted.  
VERRELLI, D.M. Region 2, O/c of the Director. 90/02/09. EURYL.W. Carolina Power & Light Co. 2pp. 52727-014-52727-021.

-9002260114 Insp Rept 50-261/89-32 on 891216-900110 No violations or deviations noted. Major areas inspected: operators' safety verification, surveillance observation, maint observation, ESF sys walk-down & onsite followup of events at reactors.  
GARNER, L.W., JURY, K.R., DANCE, H.C. Region 2, O/c of the Director. 90/02/08. 6pp. 52727-016-52727-021.

9002260412 Summarizes 900126 meeting w/ul in Region II o/c to discuss self-assessment of plant.  
EBNETER, S.D. Region 2, C/c of the Director. 90/02/09. EURYL.W. Carolina Power & Light Co. 78pp. 52710-187-52710-264.

9002260585 Ack receipt of 900205 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-261/89-29.  
CLINE, W.E. Region 2, O/c of the Director. 90/02/14. EURYL.W. Carolina Power & Light Co. 2pp. 52738-133-52738-131.

9003050151 Forwards Exam Rept: 50-261/OL-89-01 on 891204-08.  
PEEBLES, T.A. Region 2, O/c of the Director. 90/02/14. EURYL.W. Carolina Power & Light Co. 2pp. 52824-041-52824-200.

-9003050152 Exam Rept: 50-261/OL-89-01 on 891204-08 Exam results three reactor operators & two senior reactor operators passed exams.  
MORGAN, M.J., MUNRO, J.F. Region 2, O/c of the Director. 90/02/14. 158pp. 52824-043-52824-200.

9002150093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776-282-52776-360.

9002230283 NRC Info Notice 90-011, "Maintenance Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-183-52776-261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844-039.

9003090249 Forwards Insp Rept 50-261/89-01 on 900129-0202 No violations or deviations noted.  
JULIAN, C.A. Region 2, O/c of the Director. 90/03/01. EURYL.W. Carolina Power & Light Co. 5pp. 52973-123-52973-130.

-9003090253 Insp Rept 50-261/90-01 on 900129-0202 No violations or deviations noted. Major areas inspected: licensee corrective action on previous insp findings, radiographic film & 1988 refueling outage in-service insp 90 day rept.  
COLLEY, J.L., BLAKE, J.J. Region 2, O/c of the Director. 90/02/28. 5pp. 52973-128-52973-130.

9003140289 Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re NRC team insps, INPO evaluations, insurer insps & EPA & OSHA insps.  
LOFLIN, L.L. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029-332-53029-341.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-188.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Wastes." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-094.

9003070151 Forwards SER re 840702 procedures generation package (PGP). PGP need to be reviewed to address programmatic improvements discussed in rept. Results of 890917-28 emergency operating procedures insp & encl discussion should be utilized.  
LORR, Project Directorate II-1. 90/03/06. EURYL.W. Carolina Power & Light Co. 3pp. 52889-161-52889-178.

-9003070158 SER re 840702 procedures generation package (PGP). PGP should be reviewed to address programmatic improvements outlined in rept & all revisions to PGP should be reflected in plant emergency operating procedures in timely manner.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/06. 13pp. 52889-164-52889-176.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52998-018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potential Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52844-109-52844-210.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies w/Can Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 104pp. 52963-006-52963-150.

9003220135 Forwards Insp Rept 50-261/90-02 on 900111-0210 & not VERRELLI, D.M. Region 2, O/c of the Director. 90/03/08. EURYL.W. Carolina Power & Light Co. 3pp. 53113-157-53113-169.

-9003220139 Notice of violation from insp on 900111-0210 Violation noted associated w/nuclear power range Channel II tripped while being tested, procedure OST-007, Step 7.1.6.  
VERRELLI, D.M. Region 2, O/c of the Director. 90/03/08. 2pp. 53113-157-53113-169.

-9003220141 Insp Rept 50-261/90-02 on 900111-0220 Violation noted inspected operational safety verification on surveillance observation, maint observation, ESF sys walk-down & onsite followup of events at operating power reactors.  
GARNER, L.W., JURY, K.R., DANCE, H.C. Region 2, O/c of the Director. 90/03/08. 53113-162-53113-169.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crossed Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-270.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transformers Mfg by GE." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52963-400.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Voltage Recirculation on Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52997-160-52997-200.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-220.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Operation of Radiactive Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 91pp. 53166-050-53166-050.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activation During Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp. 53185-007-53185-100.

#### R. Periodic operating reports & related correspondence

9003060101 "1989 Annual Rept on Primary & Relief Valve Challenges." MORGAN, R.E. Carolina Power & Light Co. 89/12/31. 3pp. 53046-143-53046-143.

9003080134 "Personnel Exposure & Monitoring Rept for 1989." W/0002. MORGAN, R.E. Carolina Power & Light Co. 89/12/31. 4pp. 53046-359-53046-359.

9003080209 "Personnel Exposure & Monitoring Rept for 1989 for HB Robinson Unit 2." W/00227 ltr.  
MORGAN, R.E. Carolina Power & Light Co. 89/12/31. 3pp. 52910-137-52910-137.

9003020060 Monthly operating rept for Jan 1990 for HB Robinson Unit 1.  
HAYNESWORTH, V., MORGAN, R.E. Carolina Power & Light Co. 52800-267-52800-271.

9002270237 Submits 1989 annual rept on primary coolant iodine spikes.  
MORGAN, R.E. Carolina Power & Light Co. 90/02/16. Document Control Branch (Document Control Desk). 1p. 52758-132-52758-132.

9003070107 Forwards "Effluent & Waste Disposal Semiannual Rept for 1989." Rev 6 to ODCM.  
MORGAN, R.E. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52888-074-52888-153.

-9003070112 "Effluent & Waste Disposal Semiannual Rept for HB Robinson Unit 2 for Jul-Dec 1989." Rev 6 to ODCM.  
MORGAN, R.E. Carolina Power & Light Co. 89/12/31. 62pp. 52888-075-52888-135.

-9003070154 Rev 6 to "HB Robinson Steam Electric Plant, Unit 2 ODCM." MORGAN, R.E. Carolina Power & Light Co. 89/12/20. 14pp. 52888-130-52888-130.

-9003070167 "ISFSI Semiannual Environ Rept for HB Robinson Steam Electric Plant, Unit 2 for Jul-Dec 1989." Rev 6 to ODCM.  
MORGAN, R.E. Carolina Power & Light Co. 89/12/31. 4pp. 52888-150-52888-163.

9003220035 Monhly operating report for Feb 1990 for HB Robinson Unit 2 W/900309 ltr. HAYNESWORTH, V. MORGAN, H.E. Carolina Power & Light Co. 90/02/28. 5pp 53113 170-53113:174

## S. Reportable occurrences, LERs & related correspondence

9002220345 Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach Unit 1. Licensee analysis indicates that signal failure of switch can block low pressure injection pressure or low steam line pressure signal. NOVAK, T.M. Division of Safety Programs (Post 870413). 90/02/02. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 7pp 52718 063-52718 068.

9003020042 Special report on 900118, steam-driven auxiliary feedwater pump inoperable for greater than 72 h. Caused by swelling of shrink fit tubing when exposed to environment. Valve repaired, reinstalled & declared operable. DIETZ, C.R. Carolina Power & Light Co. 90/02/20. Document Control Branch (Document Control Desk). 8pp 52795 051-52795 058.

9003150034 LER 90-004-00 on 900204 & 07, personnel entered personnel airlock to repair inner door seal suspected to be source of penetration pressurization system leakage. Caused by failure of door to close on door gas set. Door repaired. W/900302 ltr. CROOK, O. MORGAN, H.E. Carolina Power & Light Co. 90/03/02. 7pp 52908 046-52908 052.

9003230062 LER 89-011-01 on 891006, calculations showed that main steam line break concurrent w/loss of main steam grade power to pump discharge flow control valve could result in exceeding limits of accident analysis. Mod developed. W/900315 ltr. BAUCOM, C.T. MORGAN, H.E. Carolina Power & Light Co. 90/03/15. 6pp 53122 127-53122 132.

## V. Operator Examinations

9003050151 Forwards Exam Rept 50-261/OL-89-01 on 891204-08. CUTTER, A.B. Region 2, Office of the Director. 90/02/14. EURY, L.W. Carolina Power & Light Co. 2pp 52824 041-52824 230.

9003050152 Exam Rept 50-261/OL-89-01 on 891204-08 Exam results three reactor operators & two senior reactor operators passed exams. MORGAN, M.J. MUNRO, J.F. Region 2, Office of the Director. 90/02/14. 158pp 52824 043-52824 209.

9003200026 Advises that Senior Reactor Operator License SOP-3039-5 for J.M. Curley, expired on 900303. MORGAN, H.E. Carolina Power & Light Co. 90/03/12. Document Control Branch (Document Control Desk). 1p 53079 024-53079 024.

## Y. Dry Cask Independent Spent Fuel Storage Installations

9003260352 Forwards Amend 6 to SAR for ISFSI at plant. CUTTER, A.B. Carolina Power & Light Co. 90/03/23. Division of Industrial & Medical Nuclear Safety (Post 870729). 2pp 53147 128-53147 147.

9003260359 Amend 6 to SAR for ISFSI at plant. \* Carolina Power & Light Co. 90/03/23. 17pp 53147 131-53147 147.

## DOCKET 50-263 MONTICELLO NUCLEAR GENERATING PLANT

## F. Security, medical, emergency & fire protection plans

9003060131 Forwards "Exercise Rept Monticello Nuclear Generating Plant Northern States Power Co Joint Exercise on 890726." KWIATKOWSKI, D. Federal Emergency Management Agency. 90/02/13. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 2pp 52848 019-52848 081.

9003060134 "Exercise Rept Monticello Nuclear Generating Plant Northern States Power Co Joint Exercise on 890726." \* Federal Emergency Management Agency. 90/02/01. 81pp 52848 021-52848 081.

9003010211 Revised EIPs, including Rev 14 to A-2-101, Rev 10 to A-2-102, Rev 10 to A-2-103, Rev 10 to A-2-104, Rev 10 to A-2-105, Rev 7 to A-2-204 & Rev 7 to A-2-414. W/900221 ltr. FEY, F.L. Northern States Power Co. 90/02/21. 187pp 52782 064-52782 250.

9003060309 Provides basis for determination that LPCI sys swing bus panel C327 as noncritical equipment, per telcon Panel does not require security barrier for listed reasons. PARKER, T.M. Northern States Power Co. 90/02/21. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp 52838 102-52838 103.

9003190368 Forwards Safety Insp Rept 50-263/90-04 on 900226-0302 No violations noted. GREGER, L.R. Region 3, Office of the Director. 90/03/08. LARSON, C.E. Northern States Power Co. 2pp 53067 118-53067 130.

9003190360 Insp Rept 50-263/90-04 on 900226-0302 No violations, deficiencies or deviations noted. Major areas inspected: emergency preparedness program, licensee action on previously identified items & followup on actual emergency activations. FOSTER, J. BARSS, D., SNELL, W. Region 3, Office of the Director. 90/03/08. 11pp 53067 120-53067 130.

9003230023 Forwards Safeguards Insp Rept 50-263/90-03 on 900205-09 No violations noted. GREGER, L.R. Region 3, Office of the Director. 90/03/09. LARSON, C.E. Northern States Power Co. 2pp 53138 357-53138 360.

9003230025 Partially withheld Physical Security Insp Rept 50-263/90-01 on 900205-09 (ref 10CFR73.21) Major areas inspected: security plan/implementation, procedure, mgmt effectiveness, security program audit, records & reports & testing & maint. BELANGER, J.L., MADEJA, T.J., KNICELEY, J.R. Region 3, Office of the Director. 90/03/09. 2pp 53138 358-53138 360.

9003000111 Revised ERIPs, including Rev 30 to index, Rev 25 to A-2-001, Rev 10 to A-2-107 & Rev 0 to A-2-10 W/900312 ltr. MATHIASSEN, G.D. SCHEINOST, R.L., FEY, F.L. Northern States Power Co. 90/03/12. 58pp 53079 042-53079 098.

9003220270 Forwards FEMA 900213 ltr & final exercise evaluations of joint offsite emergency preparedness exercise on 890726. Exercise demonstrates ability of State of MN & local govts to implement radiological emergency plans. GREGER, L.R. Region 3, Office of the Director. 90/03/13. LARSON, C.E. Northern States Power Co. 2pp 53122 164-53122 228.

9003280188 Responds to Generic Ltr 89-15 re emergency response data sys. Emergency response data sys will be connected & available in 1991 at Prairie Island & in 1992 at Monticello. PARKER, T.M. Northern States Power Co. 90/03/14. Document Control Branch (Document Control Desk). 1p 53189 067-53189 067.

## I. Financial Information

9003090501 "Northern States Power 1989 Annual Rept." W/900305 ltr. HOWARD, J.J. Northern States Power Co. 89/12/31. 45pp 52962 062-52962 120.

9003200106 Forwards Financial & Statistical Info" as suppl to "1989 Annual Rept to Shareholders of Northern States Power Co." ISDAHL, J. Northern States Power Co. 90/03/14. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p 53077 283-53077 303.

9003230064 "Financial & Statistical Info," suppl to "1989 Annual Rept to Shareholders of Northern States Power Co." \* Northern States Power Co. 89/12/31. 20pp 53077 284-53077 303.

## P. Operating license stage documents & correspondence

9002270391 Forwards 891204 director's decision & FR notice & NUREG-1285, "Read Rept," in response to A Marlowe (Ed) City Cir of Southern California) 2 206 petition for NRC to license or close all nuclear plants designed by GE W/o encls. THOMAS, J.O. Project Directorate III-1. 90/01/18. PARKER, T.M. Northern States Power Co. 1p 52748 322-52748 322.

9003060309 Provides basis for determination that LPCI sys swing bus panel C327 as noncritical equipment, per telcon Panel does not require security barrier for listed reasons. PARKER, T.M. Northern States Power Co. 90/02/21. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp 52838 102-52838 103.

9003140308 Lists recommendations for licensee commitment to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Util should conduct test program to verify heat transfer capability of safety-related HXs. LONG, W.O. Project Directorate III-1. 90/03/06. PARKER, T.M. Northern States Power Co. 6pp 53029 345-53029 350.

9003150463 Forwards summary of Allegation File 89-A-0147, for review. Encl withheld (ref 10CFR2.790). GREENMAN, E.G. Region 3, Office of the Director. 90/03/07. Northern States Power Co. 2pp 53051 023-53051 024.

9003210294 Advises that final response to Generic Ltr 89-18 re USI A-47 will be filed on or before 900504. DWR Owners Group will submit generic response by 900320 for review. PARKER, T.M. Northern States Power Co. 90/03/09. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p 53105 129-53105 129.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp 53195 014-53195 089.

## Q. Inspection reports, IE Bulletins & correspondence

9002260129 Forwards addl info re proposed in-vessel vsual PT insp schedule for plant loadwater nozzles, per 900112 request info includes Revs 0 to Inservice Insp Nondestructive Exam Procedures ISI-VT-4.0, ISI-UT-5 & ISI-UT-6. PARKER, T.M. Northern States Power Co. 90/02/20. Document Control Branch (Document Control Desk). 5pp 52720 134-52720 240.

9002260135 Rev 0 to Inservice Insp Nondestructive Exam Procedure ISI-VT-4.0, "Visual Exam of Monticello Reactor Vessel Interior." \* Northern States Power Co. 89/07/14. 59pp 52720 139-52720 197.

9002260171 Rev 0 to Inservice Insp Nondestructive Exam Procedure ISI-UT-5, "Ultrasonic Exam of Reactor Vessel Nozzle Forging Inner Radi." \* Northern States Power Co. 89/07/14. 23pp 52720 198-52720 220.

9002260174 Rev 0 to Inservice Insp Nondestructive Exam Procedure ISI-UT-6, "Ultrasonic Exam of Reactor Vessel Nozzle Bore." \* Northern States Power Co. 89/07/14. 20pp 52720 221-52720 240.

9002270052 Forwards Suppls 1, 2 & 3 to NRC Bulletin 88-008, "Thermal Stresses in Piping Connected to RCS" for review & response within 180 days, per 890932 ltr. LONG, W.O. Project Directorate III-1. 90/02/22. PARKER, T.M. Northern States Power Co. 3pp 52758 175-52758 188.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp 52778 262-52778 360.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp 52778 163-52778 261.

## 60 DOCKETED ITEMS

- 9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 88pp. 52844-001-52844-098.
- 9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05 Consolidated Edison Co. of New York, Inc. 89pp. 52844-100-52844-198.
- 9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-094.
- 9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189.
- 9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART,R.L. Division of Low Level Waste Management & Decommissioning (Post 870419). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52997-018.
- 9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp. 52844-190-52844-298.
- 9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52963-096-52963-189.
- 9003180022 Responds to NRC 900206 ltr re violations noted in Insp Rept 50-263/89-28. Corrective action test of standby gas treatment sys ability to maintain secondary containment at 0.25 inch water vacuum performed.  
LARSON,C.E. Northern States Power Co. 90/03/08. Document Control Branch (Document Control Desk) 16pp. 53060-275-53060-280.
- 9003190358 Forwards Safety Insp Rept 50-263/90-04 on 900228-0302 No violations noted.  
GREGER,L.R. Region 3, Ofc of the Director 90/03/08. LARSON,C.E. Northern States Power Co. 2pp. 53067-118-53067-130.
- 9003190360 Insp Rept 50-263/90-04 on 900228-0302 No violations, deficiencies or deviations noted Major areas inspected: emergency preparedness program, licensee action on previously identified items & followup on actual emergency activations.  
FOSTER,J., BARSS,D., SNELL,W. Region 3, Ofc of the Director 90/03/08. 11pp. 53067-120-53067-130.
- 9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-289.
- 9003050148 NRC Bulletin 90-001, "Loss of Fill Oil In Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52964-048.
- 9003230023 Forwards Safeguards Insp Rept 50-263/90-03 on 900205-09 No violations noted.  
GREGER,L.R. Region 3, Ofc of the Director 90/03/09. LARSON,C.E. Northern States Power Co. 2pp. 53138-357-53138-360.
- 9003230025 Partially withheld Physical Security Insp Rept 50-263/90-01 on 900205-09 (ref 10CFR73.21) Major areas inspected: security plan/implementation procedures, mgmt effectiveness, security program audit, records & reports & testing & maint.  
BELANGER,J.L., MADEDA,T.J., KNICELEY,J.R. Region 3, Ofc of the Director 90/03/09. 2pp. 53138-359-53138-360.
- 9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.
- 9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035-129-53035-226.
- 9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.
- 9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.
- 9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

### R. Periodic operating reports & related correspondence

- 9003060312 "Personnel Whole Body Exposure Rept for CY89." W/900123 ltr.  
ANTONY,D.C., WINDSCHILL,J.E. Northern States Power Co. 89/12/31. 2pp.

- 9002280175 Forwards "Annual Rept of Occupational Exposure" & Safety Valve & Relief Valve Failures & Challenges.  
PARKER,T.M. Northern States Power Co. 90/02/16. Office of Nuclear Regulation, Director (Post 870411). 1p. 52779-232-52779-236.

- 9002280177 "Annual Rept of Occupational Exposure."  
\* Northern States Power Co. 89/12/31. 3pp. 52779-233-52779-235.

- 9002280181 "Annual Rept of Safety Valve & Relief Valve Failures & Challenges."  
\* Northern States Power Co. 89/12/31. 1p. 52779-236-52779-236.

- 9003080449 Forwards "Effluent & Waste Disposal Semiannual Rept" & amend to replot for Jan-June 1989, including second quarter analysis & Sr.90.  
FEY,F.L. Northern States Power Co. 90/02/28. Document Control Branch (Document Control Desk) 1p. 52897-190-52897-215.

- 9003080181 "Effluent & Waste Disposal Semiannual Rept for Jul-Dec 1989."  
\* Northern States Power Co. 89/12/31. 14pp. 52897-191-52897-204.

- 9003080456 Amend to "Effluent & Waste Disposal Semiannual Rept for 1989," correcting reactor vent dispersion data.  
\* Northern States Power Co. 89/06/30. 11pp. 52897-205-52897-215.

- 9003180309 Monthly operating replot for Feb 1990 for Monticello Nuclear Plant, W/900309 ltr.  
PAUSTIAN,H.H., PARKER,T.M. Northern States Power Co. 53039-243-53039-247.

### DOCKET 730-25 QUAD-CITIES STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

- 9003050033 Rev 3 to EPIP EP-EOP-18, "Communicator."  
CARSON,R.L. Commonwealth Edison Co. 89/11/29. 22pp. 52825-000-52825-000.

- 9003180463 Rev 7d to emergency plan annex Table of contents encl.  
\* Commonwealth Edison Co. 89/12/31. 23pp. 53036-090-53036-112.

- 9002230133 Revised EPIPs, including Rev 4 to QEP 160-0, Rev 4 to QEP 160-S1, Rev 2 to QEP 160-S2, Rev 2 to QEP 160-S3 & QEP 160-S4.  
\* Commonwealth Edison Co. 90/02/05. 16pp. 52719-189-52719-214.

- 9002230500 Revised emergency procedures, including Rev 5 to QEP 155-S6, Rev 6 to QEP 300-0, Rev 3 to QEP 300-T1, Rev 8 to QEP 300-T2.  
RABEY,R.A. Commonwealth Edison Co. 90/02/05. 16pp. 52719-215-52719-215.

- 9002280345 Forwards Safety Insp Repts 50-254/89-28 & 50-265/89-28. Notice of violation will not be issued to encourage & support efforts for self identification & correction of problems.  
SHAFER,W.D. Region 3, Ofc of the Director 90/02/13. REED,C. Northern States Power Co. 2pp. 52739-142-52739-153.

- 9002280346 Safety Insp Repts 50-254/89-28 & 50-265/89-28 on violations noted Major areas inspected: licensee actions on previous violations, radiological controls, maint surveillance & security.  
HINDS,J.M. Region 3, Ofc of the Director 90/02/13. 10pp. 52739-154-52739-164.

- 9003120103 Revised procedures, including Rev 6 to QEP 400-0 & Rev 5 to QEP 400-S6.  
\* Commonwealth Edison Co. 90/02/20. 4pp. 52974-218-52974-221.

- 9003090071 Revised EPIPs, including Rev 4 to ED-4, Rev 7 to ED-21, Rev 5 to ED-24, Rev 5 to ED-30, Rev 2 to ED-31 & Rev 6 to ED-22.  
FERGUSON,B.S. Commonwealth Edison Co. 90/02/21. 87pp. 52974-222-52974-309.

- 9003200041 Comments on SALP Board Repts 60-254/89-01 & 50-1988 to Nov 1989. Unit appreciates NRC recognition of overall improvement in operation & emergency preparedness & good performance in area of radiation protection.  
GALLE,D. Commonwealth Edison Co. 90/03/08. DAVIS,A.B. Region 3, Ofc of the Director 2pp. 53078-071-53078-072.

- 9003200337 Forwards Final SALP Repts 60-254/89-01 & 50-265/89-01 to Nov 1989.  
DAVIS,A.B. Region 3, Ofc of the Director 90/03/12. REED,C. Commonwealth Edison Co. 2pp. 53073-306-53073-327.

- 9003200342 Final SALP Repts 60-254/89-01 & 50-265/89-01 to Nov 1989.  
\* Region 3, Ofc of the Director 90/03/12. 18pp. 53073-306-53073-327.

- 9003280130 Rev 7 to EPIP EG-2, "Use of Commonwealth Edison Company Maps." W/six oversize drawings.  
MOLKEIR,A.J. Commonwealth Edison Co. 90/03/12. 8pp. 53188-100-53188-100.

- 9003210162 Forwards safety evaluation concluding that review of plant operation package submitted by 841030 ltr needed re programmatic enhancement ability to develop high quality emergency operating procedures.  
OLSHAN,L.N. Project Directorate III-2. 90/03/13. KOVACH,T. Northern States Power Co. 11pp. 53111-283-53111-293.

### H. General correspondence

- 9003140053 Responds to 900130 ltr forwarding constituent JT Shaffling concerns re containment & evacuation plans at facilities. Licensee hardened vents on own initiative.  
TAYLOR,J.M. Ofc of the Executive Director for Operations & Maintenance 90/03/12. 2pp. 53073-306-53073-327.

9003140057 Forwards constituent J. Shelt 890302 ltr expressing concerns w/evacuation plans at facility. Response requested.  
GRASSLEY, C. Senate 00/01/30 NRC - No Detailed Affidavit Given. 2pp  
53018 075-53018 076

#### P. Operating license stage documents & correspondence

9002160171 Identifies licensees requesting delays in submitting individual plant examination results.  
TAYLOR, J.M. Of the Executive Director for Operations. SECY-90-039 00/02/07 4pp 53045 355-53045 358

9002270432 Forwards SER concluding that BWR Owners Group proposed functional criteria for post-accident neutron flux monitoring as alternative to Category 1 instrumentation per Reg Guide 1.97 unacceptable.  
SIEGEL, B.L. Project Directorate III-2 00/02/14 KOVACH, T.J. Commonwealth Edison Co. 3pp. 52756 145-52756 156

9002260559 Supp's 890731, 0915, 1030 & 1215 responses re employees notifying NRC of potential safety issues. Labor settlement agreements for unit personnel did not reveal any restrictive clauses that would hinder employees from notifying NRC.  
RICHTER, M.H. Commonwealth Edison Co. 00/02/15. Project Directorate III-2 2pp. 52753 307-52753 308

9003080147 Informs of organizational changes within Div of Reactor Projects. Project Directorate III-2 Change reassigned project managers to listed facilities.  
CRAIG, J.W. Project Directorate III-2 00/02/27 KOVACH, T.J. Commonwealth Edison Co. 5pp. 52894 029-52894 033

9003080154 Requests add'l info re 891023 application for amend to Tech Specs, revising pressure-temp limits per Rev 2 to Reg Guide 1.93 & removing reactor vessel venting requirement.  
CRAIG, J.W. Project Directorate III-2 00/03/01 KOVACH, T.J. Commonwealth Edison Co. 4pp 52897 096-52897 099

9003150474 Notification of 000315 meeting w/WHI in Rockville, MD to discuss proposed modifications & schedule for station blackout.  
SIEGEL, B.L. Project Directorate III-2 00/03/07 CRAIG, J.W. Project Directorate III-2 2pp 53025 230-53025 281

9003220016 Confirms agreement from 933216 telecon that WHI will notify NRC of any future jet pump flow indication failures & evaluate repair feasibility as contingency should add'l jet pump instrumentation fail re 891011 amendment application.  
STOL, R. Commonwealth Edison Co. 00/03/12 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 1p 53113 121-53113 121

9003220210 Advises that revs to inservice testing program & implementation procedures will be completed by 000620 per Generic Ltr 89-04.  
RICHTER, M.H. Commonwealth Edison Co. 00/03/14 Document Control Branch (Document Control Desk) 1p 53126 112-53126 112

9003140089 Generic Ltr 89-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28 Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 00/03/20 Consolidated Edison Co. of New York, Inc. 5pp. 53195 014-53195 069

9003260307 Advises that 900129 initial response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," acceptable.  
OLSHAN, L. Project Directorate III-2 00/03/20 KOVACH, T.J. Commonwealth Edison Co. 2pp 53149 199-53149 200

#### Q. Inspection reports, IE Bulletins & correspondence

9002270406 Responds to NRC ltr 900110 ltr re violations noted in Insp Repts 50-254/89-25 & 50-265/89-25. Corrective actions safety evaluations submitted via 900116 ltr & table of content will be completed for 1989 FSAR update to be submitted by 900630.  
KOVACH, T.J. Commonwealth Edison Co. 00/02/08 DAVIS, A.B. Region 3, Ofc of the Director. 10pp. 52745 107-52745 116

9003130093 Responds to violations noted in Insp Repts 50-254/89-26 & 50-265/89-26. Corrective action Procedure QIS 47-1 revised to include requirement that equalizing valve be open during isolation of transmitter.  
KOVACH, T.J. Commonwealth Edison Co. 00/02/08 DAVIS, A.B. Region 3, Ofc of the Director. 5pp 53014 279-53014 283

9002280345 Forwards Safety Insp Repts 50-254/89-26 & 50-265/89-26 on 891217-900127. Notice of violation will not be issued to encourage & support licensee initiatives for self-identification & correction of problems.  
SHAFER, W.D. Region 3, Ofc of the Director. 00/02/13 REED, C. Commonwealth Edison Co. 2pp. 52739 142-52739 153

9002260348 Safety Insp Repts 50-254/89-26 & 50-265/89-26 on 891217-900127. No violations noted. Major areas inspected: licensee actions on previous items, plant operations, radiological controls, maintenance & security.  
HINDS, J.M. Region 3, Ofc of the Director. 00/02/13 10pp. 52739 144-52739 153

9002260477 Withdraws Example F of violation identified in Insp Repts 50-254/89-22 & 50-265/89-22.  
SHAFER, W.D. Region 3, Ofc of the Director. 00/02/15 REED, C. Commonwealth Edison Co. 1p 52721 025-52721 025

9003020007 Responds to concerns noted in Insp Repts 50-456/88-24, 50-457/88-24, 50-458/88-15, 50-455/88-14, 50-237/88-20, 50-249/88-21, 50-373/88-23, 50-374/88-22, 50-254/88-22, 50-285/88-22, 50-285/88-17 & 50-304/88-17.  
KOVACH, T.J. Commonwealth Edison Co. 00/02/15 DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52768 248-52768 249

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 800." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/02/23 Consolidated Edison Co. of New York, Inc. 9pp. 52776 262-52776 360

9003010001 EN 90-026 on 500223, order modifying license issued to prohibit AL Dickherber from participating in licensed activity at plant w/o written approval of regional administrator.  
TROSOSKI, W., LIEBERMAN, J. Ofc of the Executive Director for Operations. 00/02/23 1p 52701 138-52701 138

9003050201 Forwards order modifying Licenses DPR-29 & CPR-30, effective immediately, dtd 900223, for FR publication W/o encl.  
LIEBERMAN, J. Ofc of Enforcement (Post 870413) 00/02/27 LESAR, M.T. Regulatory Publications Branch 1p 52836 352-52836 352

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Steam-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/02/28 Consolidated Edison Co. of New York, Inc. 9pp. 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/02/28 Consolidated Edison Co. of New York, Inc. 9pp. 52844 001-52844 099

9003080175 Partial response to FOIA request for records App W records encl & available in PDR.  
PHILLIPS, D.D. Division of Freedom of Information & Publications Services (Post 890205) 00/03/01 PEPERMAN, D.R. Becher & Co. 2pp 52703 297-52703 103

9003160653 Forwards response to IE Bulletin 78-10, "Bergen Paterson Hydraulic Shock Suppressor Accumulator Spring Coils." No Bergen-Paterson snubbers installed at Edison, Con. LaSalle County, Byron or Broadwood facilities.  
REED, C. Commonwealth Edison Co. 78/08/08 KEPPER, J.G. Region III, IE (720101-810228) 10pp 52794 104-52794 113

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/03/05 Consolidated Edison Co. of New York, Inc. 9pp. 52844 100-52844 198

9002260081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Wastes." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 00/03/06 Consolidated Edison Co. of New York, Inc. 8pp. 52907 031-52907 094

9003010172 NRC Info Notice 90-015, "Facility Notification of Agreement State Radiation Control Districts Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 00/03/07 Consolidated Edison Co. of New York, Inc. 9pp. 52907 035-52907 189

9003100227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGASH, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 00/03/07 Consolidated Edison Co. of New York, Inc. 31pp 52997 288-52997 018

9003010293 Suppl 2 to NRC Info Notice 89-050, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/03/07 Consolidated Edison Co. of New York, Inc. 10pp. 52844 109-52844 298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52963 096-52963 109

9003200041 Comments on SALP Board Repts 50-254/89-01 & 50-285/89-01 for Oct 1988 to Nov 1989. Ltr appreciates NRC recognition of overall improvements in areas of operation & emergency preparedness & good performance in area of security.  
GALLE, D. Commonwealth Edison Co. 00/03/08 DAVIS, A.B. Region 3, Ofc of the Director. 2pp 53078 071-53078 072

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Recovery Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52983 200-52983 208

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/03/09 Consolidated Edison Co. of New York, Inc. 109pp 52963 300-52963 048

9003200337 Forwards Final SALP Repts 50-254/89-01 & 50-285/89-01 on Oct 1988 - Nov 1989.  
DAVIS, A.B. Region 3, Ofc of the Director. 00/03/12 REED, C. Commonwealth Edison Co. 2pp 53073 308-53073 327

9003200342 Final SALP Repts 50-254/89-01 & 50-285/89-01 for Oct 1988 - Nov 1989.  
Region 3, Ofc of the Director. 00/03/12 18pp 53073 308-53073 327

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vent for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/03/14 Consolidated Edison Co. of New York, Inc. 8pp. 52987 190-52987 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/03/20 Consolidated Edison Co. of New York, Inc. 9pp. 53035 129-53035 228

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 00/03/22 Consolidated Edison Co. of New York, Inc. 81pp. 53168 057-53168 147

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

## 62 DOCKETED ITEMS

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/23. Commonwealth Edison Co. of New York, Inc. 102pp. 53165 007-53165 108.

### R. Periodic operating reports & related correspondence

9002260140 Effluent & Waste Disposal Semiannual Rpt for Jul-Dec 1989. W/900208 ltr. BAX, R.L. Commonwealth Edison Co. 89/12/31. 21pp. 52761-318-52761-338.

9003090471 Forwards occupational radiation exposure portions of plant operating reports for 1989. RESCEK, F. Commonwealth Edison Co. 90/02/20. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52966 206-52966 218.

9003090483 Number of Personnel & Personnel by Work & Job Function for 1989. W/900212 ltr. BAX, R.L. Commonwealth Edison Co. 89/12/31. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52966 209-52966 210.

9003160313 Monthly operating reports for Feb 1990 for Quad-Cities Nuclear Power Station Units 1 & 2 W/900302 ltr. DEELSHYDER, L., ROBEY, R.A. Commonwealth Edison Co. 90/02/28. 22pp. 53041 122-53041 143.

9003150377 Forwards listing of changes, tests & experiments computed during month of Feb 1990 for plant. ROBEY, R.A. Commonwealth Edison Co. 90/03/02. Office of Nuclear Reactor Regulation, Director (Post 870411). 10pp. 53020 130-53020 139.

### S. Reportable occurrences, LERs & related correspondence

9003020176 PNO-III 90-009 on 900220 security guard accidentally fired shotgun inside security patrol vehicle, damaging floor No one injured. Guard suspended, pending further investigation. No evidence of substance abuse noted by behavioral analysis. CREED, J., GREGER, R. Region 3, Ofc of the Director. 90/02/20. 1p. 52836 228-52836 228.

9003190195 LER 88-022-01 on 890601, separate particulate iodine & noble gas monitor & Victrolene post-accident iodine & particulate monitor lost electric power feed. Caused by deenergizing motor control circuit. Labeling procedures changed W/900220 ltr. WIEBENGA, R., BAX, R.L. Commonwealth Edison Co. 89/02/20. 5pp. 53345 031-53345 035.

9002280274 EN-90-025 order suspending license & order to show cause why license should not be revoked issued to licensee as result of Tech Spec violation on 891017 Order modifying license issued on 900223. TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/23. 1p. 52778 173-52778 173.

9003010234 Forwards order modifying license, effective immediately, re 891017 event involving licensed operator RL Dickherber concerning unauthorized fuel movement during refueling. THOMPSON, H.L. Dep Exec Dir for Nuc Mat's Safety, Safeguards & Operations Support (Post 890205). 90/02/23. REED, C. Commonwealth Edison Co. 2pp. 52781 161-52781 169.

9003010237 Order modifying license (effective immediately) re 891017 event concerning RL Dickherber undocumented fuel moves during refueling. RL Dickherber license suspended. THOMPSON, H.L. Dep Exec Dir for Nuc Mat's Safety, Safeguards & Operations Support (Post 890205). 90/02/23. Commonwealth Edison Co. 7pp. 52781 163-52781 169.

9003140147 LER 90-003-00 on 900205, determined that leakage rate for HPCI sys steam exhaust check valve exceeded Tech Spec limits. Caused by excessive leakage. Check valve replaced w/ Mission check valve w/carbon steel springs. W/900305 ltr. ROLFES, J., BAX, R.L. Commonwealth Edison Co. 90/03/05. 5pp. 53006 051-53006 055.

9003220056 PNO-III 90-017 on 900313, tornado damaged two contractor trailers, moderately damaging nine others & ripping up section of plant security fence. Unusual event declared. States of IL & IA notified. HINDS, J., CRESS, J., SHAFER, W. Region 3, Ofc of the Director. 90/03/14. 2pp. 53165 258-53165 260.

9003210219 Summary of Operating Reactors Events Meeting 90-07 on 900314. List of attendees encl. FISCHER, O.C. Events Assessment Branch. 90/03/15. ROSSICE, Division of Operational Events Assessment (Post 870411). 13pp. 53132 133-53132 145.

9003230119 LER 90-004-00 on 900213, loss of emergency bus 23-1 occurred due to shorted conductor cable while performing wiring verification. Caused by personnel error & improper installation. Electric power supplies recovered W/900315 ltr. FUHS, A., BAX, R.L. Commonwealth Edison Co. 90/03/15. 5pp. 53122 149-53122 153.

### V. Operator Examinations

9003070015 Forwards order modifying Licenses DPR-28 & DPR-30, to immediately remove RL Dickherber from licensed activities, per 10CFR50 Action taken because of willful violation of Commission requirements re improper movement of fuel. THOMPSON, H.L. Assistant for Operations (Post 890205). 90/02/23. REED, C. Commonwealth Edison Co. 2pp. 52888 210-52888 218.

9003070017 Order modifying Licenses DPR-28 & DPR-30, removing RL Dickherber from licensed activities. THOMPSON, H.L. Assistant for Operations (Post 890205). 90/02/23. Commonwealth Edison Co. 7pp. 52888 212-52888 218.

9003050204 Forwards order suspending license, effective immediately & order to show cause why RL Dickherber license should not be revoked on 900223, for FR publication. W/o encl. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/27. LESAR, M.T. Regulatory Publications Branch. 1p. 52836 351-52836 351.

9003220031 Grants 900315 request for extension to 900413 to answer whether to request hearing re Enforcement Actions 90-031 & 90-032. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/03/16. LEFSTER, McAndrews, Borch, Lefstein & Fleweger (formerly Katz, McAndrews, C. 53126 087-53126 087.

### DOCKET 50-266 POINT BEACH NUCLEAR PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9003120331 Responds to Generic Ltr 90-01, "Request for Voluntary NRC Regulatory Impact Survey." Questionnaire re time that managers spending to various insps & audits encl. FAY, C.W. Wisconsin Electric Power Co. 90/03/01. PARTLOW, J.G. Assistant for Projects (Post 870411). 12pp. 52974 022-52974 033.

9003160386 Rev 24 to EP 2.0, "Emergency Plan Definitions." W/900309 ltr. FAY, C.W. Wisconsin Electric Power Co. 90/03/08. 11pp. 63039 254-53039 254.

#### P. Operating license stage documents & correspondence

9002260436 Ack receipt of 891221 changes to QA program description. Changes will be completed within 60 days based on current review schedule. WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/15. FAY, C.W. Wisconsin Electric Power Co. 5pp. 52741 078-52741 078.

9002260508 Forwards environ assessment & finding of no significant impact application for Amends to revise Tech Spec relating to fuel storage. SWENSON, W.H. Project Directorate III-3. 90/02/16. FAY, C.W. Wisconsin Electric Power Co. 3pp. 52720 241-52720 247.

9002260513 Environ assessment & finding of no significant impact re Amends to revise Tech Spec relating to fuel storage. HANNON, J.N. Project Directorate III-3. 90/02/16. 4pp. 52720 244-52720 247.

9002230557 Forwards safety evaluation accepting 890413 proposal to new surveillance program for plant. Program can reveal deterioration leading to neutron attenuation capability during design life of fuel storage racks. SWENSON, W.H. Project Directorate III-3. 90/02/21. FAY, C.W. Wisconsin Electric Power Co. 3pp. 52727 098-52727 105.

9002230559 Safety evaluation approving surveillance program for Borehole used as neutron attenuation matrix in spent fuel storage pools at plant. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/27. 101-52727 105.

9003010299 Forwards Amends 126 & 130 to Licenses DPR-24 & DPR-27, respectively. Safety evaluation Amends revise Tech Spec 15.5.4.2 re fuel storage allowable U-235 content for optimized fuel assemblies to 46.8 grams. SWENSON, W.H. Project Directorate III-3. 90/02/23. FAY, C.W. Wisconsin Electric Power Co. 3pp. 52785 206-52785 314.

9003010302 Amends 126 & 130 to Licenses DPR-24 & DPR-27, respectively. Tech Spec 15.5.4.2 re fuel storage & increasing allowable U-235 content for fuel assemblies. HANNON, J.N. Project Directorate III-3. 90/02/23. 6pp. 52785 209-52785 314.

9003010306 Safety evaluation supporting Amends 126 & 130 to Licenses DPR-27, respectively. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/23. 305-52785 311.

9003010307 Notice of Issuance of Amends 126 & 130 to Licenses DPR-27, respectively. Amends revise Tech Specs to increase allowable U-235 optimized fuel assemblies to 46.8 grams per axial centimeter. COLBURN, T.G. Project Directorate III-3. 90/02/23. 3pp. 52785 312-52785 314.

9003070389 Informs NRC of apparent inconsistency between min level of boron to be maintained in boric acid storage tanks per Tech Specs & allowable boric acid assumed in safety analyses. FAY, C.W. Wisconsin Electric Power Co. 90/02/26. Document Control/Management Control Desk. 2pp. 52888 313-52888 314.

9003140156 Advises that audit of boric acid corrosion prevention program resulted in acceptable finding & NRC considers issue closed. Trip report & audit encl. SWENSON, W.H. Project Directorate III-3. 90/02/26. FAY, C.W. Wisconsin Electric Power Co. 10pp. 53024 044-53024 053.

9003120331 Responds to Generic Ltr 90-01, "Request for Voluntary NRC Regulatory Impact Survey." Questionnaire re time that managers spending to various insps & audits encl. FAY, C.W. Wisconsin Electric Power Co. 90/03/01. PARTLOW, J.G. Assistant for Projects (Post 870411). 12pp. 52974 022-52974 033.

9003160323 Advises that Tech Spec change request to clarify Table 1 re ATWS mitigating action circuitry automatically bypassed at power less than 40% power level per LER 89-008-01 will be submitted by 900412. FAY, C.W. Wisconsin Electric Power Co. 90/03/01. Document Control/Management Control Desk. 1p. 53060 030-53060 039.

9003160024 Forwards followup response to Generic Ltr 89-04 re guidance testing programs, per 891003 ltr. Physical mods to containment spray be made. Piping sys will be installed to allow full-flow testing. FAY, C.W. Wisconsin Electric Power Co. 90/03/02. Document Control/Management Control Desk. 8pp. 53060 030-53060 037.

9003210310 Discusses interest in participating in licensee info conference June 1990, per 900117 ltr. Suggests cascading Tech Spec interpretation NRC safety goals. FAY, C.W. Wisconsin Electric Power Co. 90/03/08. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 53104 271-53104 271.



**9003140080** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Genenc Ltr 83-28, Item 2, Part 2. "Vendor Interface for Safety-Related Components." Svc list encl  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.089.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002260530** Forwards Safety Insp Repts 50-266/90-02 & 50-301/90-02 on 900109-12 No violations noted  
GREGER, L.R. Region 3, Ofc of the Director. 90/02/13. FAY, C.W. Wisconsin Electric Power Co. 2pp. 52739.056-52739.065

**-9002260534** Insp Repts 50-266/90-02 & 50-301/90-02 on 900109-12 No violations or deviations noted Major areas inspected chemistry program, including procedures, organization, & training & primary & secondary sys water QC programs  
HOUSE, J.E., SCHUMACHER, M.C. Region 3, Ofc of the Director. 90/02/13. 8pp. 52739.058-52739.065

**9002260454** Discusses 891121 response to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling. Util 900111 ltr indicated that programs will be implemented to address all three actions. Response satisfactory.  
SWENSON, W.H. Project Directorate III-3. 90/02/15. FAY, C.W. Wisconsin Electric Power Co. 4pp. 52739.122-52739.125

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-conel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776.262-52776.360.

**9002230293** NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 00/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776.163-52776.281.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp. 52844.001-52844.099.

**9003120331** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Questionnaire re time that managers spend in responding to various insps & audits encl.  
FAY, C.W. Wisconsin Electric Power Co. 90/03/01. PARTLOW, J.G. Associate Director for Projects (Post 870411). 12pp. 52974.022-52974.033.

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844.100-52844.198.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Matls." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52997.095-52997.189.

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997.095-52997.189.

**9003010227** NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997.288-52997.318.

**9003010293** Suppl 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 10pp. 52844.199-52844.298.

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 10pp. 52983.096-52983.199.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 10pp. 52983.200-52983.289.

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 10pp. 52983.300-52983.408.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 9pp. 52987.180-52987.287.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 9pp. 53035.129-53035.226.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 9pp. 53168.057-53168.147.

**9003160306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Allocations Following Restoration of Power to Rosemount Transmitter Trp Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### R. Periodic operating reports & related correspondence

**9003080460** "Annual Results & Data Rept for 1989," including description of facility changes, tests & experiments W/900228 ltr.  
FAY, C.W. Wisconsin Electric Power Co. 89/12/31. 180pp. 52892.250-52893.109.

**9003090192** "Semi-annual Monitoring Rept, Jul-Dec 1989." W/900227 ltr.  
FAY, C.W. Wisconsin Electric Power Co. 89/12/31. 18pp. 52947.171-52947.188.

**9003160181** "Personnel Exposure & Monitoring Cy89." W/900308 ltr.  
FAY, C.W. Wisconsin Electric Power Co. 89/12/31. 2pp. 53049.048-53049.050.

**9003160324** Monthly operating repts for Feb 1990 for Point Beach Nuclear Plant, Units 1 & 2 W/900308 ltr.  
KRAUSE, C.W., FAY, C.W. Wisconsin Electric Power Co. 90/02/28. 9pp. 53036.189-53036.207.

#### S. Reportable occurrences, LERs & related correspondence

**9002220345** Discusses design deficiency of Westinghouse safety injection block switch used at Point Beach, Unit 1. Licensee analysis indicates that single failure of switch can block low pressurizer pressure or low steam line pressure signal.  
NOVAK, T.M. Division of Safety Programs (Post 870413). 90/02/02. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 7pp. 52718.060-52718.069.

**9003160323** Advises that Tech Spec change request to clarify Tab'e 15.3.5.3, Item 3.b re ATWS mitigating action circuitry automatically bypassed at power level greater than 40% power level, per LER 89-008-01 will be submitted by 900412.  
FAY, C.W. Wisconsin Electric Power Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 53080.288-53080.299.

#### DOCKET 50-267 FORT ST. VRAIN NUCLEAR GENERATING STATION

#### F. Security, medical, emergency & fire protection plans

**9003080086** Forwards scope & objectives for radiological emergency response plan exercise entitled, "FOSAVEX-89." Exercise scheduled for wk of 891113 will include full participation by state & local emergency agencies.  
CRAWFORD, A.C. Public Service Co. of Colorado. 89/08/17. Document Control Branch (Document Control Desk). 18pp. 52898.293-52898.310.

**9002220674** Advises that Rev 23 to training & requalification, safeguards contingency plan, physical security plan & App A to physical security plan acceptable Rev withheld.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/06. CRAWFORD, A.C. Public Service Co. of Colorado. 3pp. 52705.252-52705.264.

**9003080081** Responds to NRC 890116 ltr re violations noted in Insp Rept 50-267/80-23. Violation re Fire Doors 13 & 9 between 480-volt ac switchgear room & Bldg 10 propped open on 891129 disputed improved communications underway.  
CRAWFORD, A.C. Public Service Co. of Colorado. 90/02/22. Document Control Branch (Document Control Desk). 3pp. 52851.264-52851.266.

#### I. Financial Information

**9002260346** Forwards responses to 891004 questions re decommissioning financial plan.  
CRAWFORD, A.C. Public Service Co. of Colorado. 90/02/15. WEISS, S.H. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 52pp. 62722.203-52722.253.

#### P. Operating license stage documents & correspondence

**9002220471** Forwards overview of evaluation on compliance w/environmental qualification regulation (10CFR50.49) during defueling of facility. During defueling, PCRV will be maintained at nearly atmospheric pressures & rapid depressurization not possible.  
CRAWFORD, A.C. Public Service Co. of Colorado. 90/02/07. Document Control Branch (Document Control Desk). 9pp. 52703.318-52703.327.

**9002260057** Forwards comments on Public Svc of Colorado response to NRC 891004 questions re plant preliminary decommissioning plan. Response to Question 17 did not include contingency plan for waste storage if disposal capacity unavailable.  
BOYLE, R.F. Regulatory Branch. 90/02/16. WEISS, S.H. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 4pp. 62739.052-52739.055.

**9002260571** Notification of 900307 meeting w/Util in Rockville, MD to discuss plant status & plans for final defueling & decommissioning.  
ERICKSON, P.B. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 90/02/20. WEISS, S.H. Assistant Director for Special Projects (Post 891001). 4pp. 52720.095-52720.098.

**9003160212** Advises that fee for Invoice 10546 remitted on 900307.  
BREY, H.L. Public Service Co. of Colorado. 90/03/07. NRC - No Detailed Affiliation Given. 1p. 63080.129-53080.129.

**9003160228** Informs of electronic transfer of fees on 900307 for Invoice 10547.  
BREY, H.L. Public Service Co. of Colorado. 90/03/07. Division of Accounting & Finance (Post 890205). 1p. 53038.221-53038.221.

**9003200133** Forwards request for add'l info re plant preliminary decommissioning plan by 900501.



9003270382 Request approval of encl exemption request allowing all to accumulate decommissioning funds beyond term nation of operations  
CRAWFORD, A.C. Public Service Co. of Colorado 90/03/19 WEISS, S.H. Non-Power Reactors, Decommissioning & Environmental Proj Dir (691001-900602) 8pp 53193 072-53193 079.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-26, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53185 014-53185 069.

#### O. Inspection reports, IE Bulletins & correspondence

9002220688 Responds to 890719 NRC Bulletin 89-002 re safety-related Anchor/Darling Model S350W swing check valves. Licensee reviewed plant data base & design documents & concludes that no Anchor/Darling Model S350W valves installed at plant.  
CRAWFORD, A.C. Public Service Co. of Colorado 90/02/07 Document Control Branch (Document Control Desk) 3pp 52703 237-52703 239

9003060081 Responds to NRC 900116 ltr re violations noted in Insp Rept 50-267/80-23. Violation re Fire Doors 13 & 9 between 480-volt ac switchgear room & Bldg 10 propped open on 891129 disputed. Improved common cautions underway.  
CRAWFORD, A.C. Public Service Co. of Colorado 90/02/22 Document Control Branch (Document Control Desk) 3pp 52851 264-52851 268

9003130291 Forwards Insp Rept 50-267/90-03 on 900101-0206 No violations or deviations noted.  
COLLINS, S.J. Region 4, Ofc of the Director 90/02/22 CRAWFORD, A.C. Public Service Co. of Colorado 3pp 52991 175-52991 184.

9003130288 Insp Rept 50-267/90-03 on 900101-0206 No violations or deviations noted. Major areas inspected previously identified insp findings, followup on items of noncompliance, monthly surveillance observation & operational safety verification.  
WESTERMAN, T.F. Region 4, Ofc of the Director 90/02/20 7pp 52991 178-52991 184.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 260

9003090080 Provides enhancement to 891122 response to violations noted in Insp Rept 50-267/80-20. Corrective action operations shut personnel dispatched to blow down svc air & instrument air lines in turbine & reactor bldgs.  
CRAWFORD, A.C. Public Service Co. of Colorado 90/02/23 Document Control Branch (Document Control Desk) 5pp 52972 005-52972 008.

9002230283 NRC Info Notice 90-011, "Maintenance Associated W/ Safety-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52776 183-52776 261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 88pp 52844 001-52844 099.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp 52844 100-52844 198.

9003120585 Forwards Exam Rept 50-267/OL-90-01 on 900201. Licensee comments factored into exam key.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/05, CRAWFORD, A.C. Public Service Co. of Colorado 3pp 52975 172-52975 209.

9003120593 Exam Rept 50-267/OL-90-01 on 900201. Exam results senior reactor operator passed.  
WHITEMORE, J.E., PELLET, J.L. Region 4, Ofc of the Director 90/02/27 35pp 52975 175-52975 209.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp 52997 001-52997 084.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp 52997 085-52997 189.

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
GANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp 52997 288-52997 018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07. Consolidated Edison Co. of New York, Inc. 106pp 52844 199-52844 298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52963 098-52963 198.

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 106pp 52963 200-52963 299.

9003050148 NRC Bulletin 90-001, "Loss of F.I.O.I. Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 106pp 52963 300-52963 048.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Ventilation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/16. Consolidated Edison Co. of New York, Inc. 96pp 52997 190-52997 079.

9003270418 Ack receipt of 900118 ltr informing NRC of steps taken to noted in Insp Rept 50-267/89-22 NRC believes with ref to abundance operators present in control room had no impact on plant evaluation.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/16. CRAWFORD, A.C. Public Service Co. of Colorado 4pp 53194 108-53194 113.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/16. Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 059.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53166 001-53166 099.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 099.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activation of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 099.

#### R. Periodic operating reports & related correspondence

9003090433 "Semiannual" Radioactive Effluent Release Rept, Jul-Dec 1990.  
CRAWFORD, A.C. Public Service Co. of Colorado 89/12/31. 52049 019.

9002280143 Monthly debriefing operations report for Jan 1990 for Fort St. Vrain.  
BLOCK, M.L., FULLER, C.H. Public Service Co. of Colorado 52776 152-52776 159.

9003270011 Monthly Debriefing Operations Report for Feb 1990 for Fort St. Vrain.  
BLOCK, M.L., FULLER, C.H. Public Service Co. of Colorado 53192 006-53192 013.

#### V. Operator Examinations

9003120585 Forwards Exam Rept 50-267/OL-90-01 on 900201. Licensee comments factored into exam key.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/05. CRAWFORD, A.C. Public Service Co. of Colorado 3pp 52975 172-52975 209.

9003120593 Exam Rept 50-267/OL-90-01 on 900201. Exam results senior reactor operator passed.  
WHITEMORE, J.E., PELLET, J.L. Region 4, Ofc of the Director 90/02/27 35pp 52975 175-52975 209.

#### V. Dry Cask Independent Spent Fuel Storage Installations

9002220434 Notification of 900215 meeting w/utl in Rockville, MD re ISFSI meeting agenda encl.  
RUFFIN, S.R. Fuel Cycle Safety Branch 90/02/09. ROBERTS, J.P. Branch. 3pp 52705 353-52705 355.

9002260220 Discusses NRC/PSC 891013 meeting re licensee application for fuel storage under 10CFR72.  
ROBERTS, J.P. Fuel Cycle Safety Branch 90/02/22. CRAWFORD, A.C. Public Service Co. of Colorado 2pp 52721 246-52721 247.

9003060173 Summary of 900215 meeting w/utl in Rockville, MD re ISFSI presented plan re proposed 10CFR50, App B program for ISFSI Agreement.  
RUFFIN, S.R. Fuel Cycle Safety Branch 90/03/01. HAUGHNEY, C. Branch. 48pp 52851 315-52851 002.

#### DOCKET 50-289 OCONEE NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002260242 Advises that 900122 Rev 30 to plant physical security provisions of 10CFR50.54(p) & acceptable.  
CLINE, W.E. Region 2, Ofc of the Director 90/02/13. TUCKER, H. Branch. 3pp 52726 001-52726 003.

9002260532 Revised crisis mgt plan implementing procedures, including Rev 5 to EDA-8-W/900215 ltr.  
HARRIS, R.E., TUCKER, H.B. Duke Power Co. 90/02/15. 64pp 52726 001-52726 003.

9003130711 Forwards public version of crisis mgt implementing plan Rev 34 to CMP-1, Rev 25 to CMP-2, Rev 30 to CMP-4, Rev 34 to CMP-5 & Rev 38 to CMP-7.  
TUCKER, H.B. Duke Power Co. 90/02/19. Document Control Branch (Document Control Desk) 2pp 52993 001-52993 134.

-9003130721 Revised crisis mgt. implementing procedures, including Rev 34 to CMP-1, Rev 25 to CMP-2, Rev 30 to CMP-4, Rev 34 to CMP-5, Rev 39 to CMP-6 & Rev 38 to CMP-7  
HARRIS, K.E. Duke Power Co. 90/02/15. 492pp. 62993 003-52994 134.

9003140437 Forwards public version of Vol C to Rev 80-02 to EPIP manuals  
TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 2pp. 53001 001-53001.055

-9003140440 Public version of Vol C to Rev 80-02 of EPIP manuals.  
BARRON, H.B. Duke Power Co. 90/01/31. 53pp. 53001 003-53001.055

9003050066 Forwards proposed emergency plan Revs 89-01 & 89-02 re emergency classification scheme, per 900111 ltr. Proposed revs will be implemented by 900301.  
TUCKER, H.B. Duke Power Co. 90/02/23. Document Control Branch (Document Control Desk). 5pp. 52846 298-52846.303

9003130109 Advises that NRC has reviewed 900202 ltr containing explanation of 900215 emergency preparedness drill, discussed in Insp Repts 50-269/89-29, 50-270/89-29 & 50-287/89-29 items will be addressed in future Insp  
COLLINS, D.M. Region 2, Ofc of the Director. 90/02/28. TUCKER, H.B. Duke Power Co. 3pp. 52991 185-52991.197.

9003200432 Advises that Dec 1989 Rev 89-3 to Oconee Emergency Plan consistent w/ 10CFR50.47(b) & acceptable. Advises that proposed changes decrease effectiveness of emergency plan require Commission approval per 10CFR50.54(a).  
COLLINS, D.M. Region 2, Ofc of the Director. 90/03/01. TUCKER, H.B. Duke Power Co. 3pp. 53079 089-53079.102.

9003220122 Forwards Insp Repts 50-269/90-05, 50-270/90-05 & 50-287/90-05 on 900212-16 No violations or deviations noted.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/03/13. TUCKER, H.B. Duke Power Co. 3pp. 53124 163-53124.175.

-9003220127 Insp Repts 50-269/90-05, 50-270/90-05 & 50-287/90-05 on 900212-16 No violations noted. Major areas inspected: corrective actions for problems identified by NRC during Sept 1989 exercise.  
KREH, J.L. Region 2, Ofc of the Director. 90/03/09. 10pp. 53124 166-53124.175

9003220285 Forwards corrected Page 2 of table of contents, emergency plan manual, Vol B, Rev 80-01.  
TUCKER, H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk). 1p. 53145 045-53145.046.

-9003220288 Corrected Page 2 of table of contents, emergency plan manual, Vol B, Rev 80-01.  
\* Duke Power Co. 90/03/31. 1p. 53145 046-53145.046.

#### P. Operating license stage documents & correspondence

9002260250 Forwards E Beckjord 880829 request for CRGR review of proposed generic ltr in response to request during 900109 & 16 meetings w/NRC for NRC considerations made prior to issuance of Generic Ltr 89-10.  
MATTHEWS, D.B. Project Directorate II-3. 90/02/05. TUCKER, H.B. Duke Power Co. 4pp. 52720 273-52720.316

-9002260259 Incomplete memo responding to 900408 request for review of BNL draft rept., "Value Impact Analysis for Extension of NRC Bulletin 85-003 to Cover All Safety-Related Motor-Operated Valves."  
HOUSTON, R.W. Division of Reactor Accident Analysis (870413-880710). 88/06/02. BOSNAK, R. Division of Engineering (Post 870413). 6pp. 52720 306-52720.316.

9003010082 Summary of 900109-10 meeting w/utl & NUMARC at plant re formulation of main performance indicators. Attendee list, agenda & outline of trending approaches at facility encl.  
WILLIAMS, M.H. Trends & Patterns Analysis Branch. 90/02/08. NOVAK, T.M. Division of Safety Programs (Post 870413). 12pp. 52780 257-52780.268

9002260234 Notification of 900223 meeting w/utl in Rockville, MD to discuss proposed response to Generic Ltr 89-18.  
WIENS, L.A. Project Directorate II-3. 90/02/13. MATTHEWS, D.B. Project Directorate II-3. 3pp. 52738 143-52738.145.

9002260071 Forwards proprietary response to NRC 880725 questions re VIPRE core thermal hydraulic section of Topical Rept DPC-NE-3000 & Rev 2 to Pages 3.69, 3.70, 3.78 & 3.79 of rept. Encls withheld (ref 10CFR2.790).  
TUCKER, H.B. Duke Power Co. 90/02/20. Document Control Branch (Document Control Desk). 2pp. 52753 264-52753.265.

9003050188 Forwards request for addl info to continue review of 870814 proposal to add Tech Specs for standby shutdown facility. Response requested within 21 days of ltr date.  
WIENS, L.A. Project Directorate II-3. 90/02/21. TUCKER, H.B. Duke Power Co. 3pp. 52835 090-52835.098.

9003160251 Responds to 900104 request for addl info re HPI pump & reactor bldg spray pump motor overcurrent relay settings. Results of analysis performed by Westinghouse on HPI pump motors consistent w/results of Design Engineering analysis.  
TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 3pp. 53036 169-53036.171.

9002260287 Forwards photographs of damage to transfer cask incurred when transport ship encountered severe storm during trip from Europe to US. Damage primarily limited to neutron shield.  
MCCONAGHY, W.J. Pacific Nuclear Systems, Inc. 90/02/23. ROBERTS, J. Fuel Cycle Safety Branch. 5pp. 52776 124-52776.129.

9003090328 Forwards semiannual radioactive effluent release rept for Jul-Dec 1989 for McGuire Nuclear Station Units 1 & 2 & revised process control programs & offsite dose calculation manuals.  
TUCKER, H.B. Duke Power Co. 90/02/28. Document Control Branch (Document Control Desk). 4pp. 52852 053-52852.142.

-9003090340 Rev 4 to, "Process Control Program Oconee Nuclear Station."  
ENTREKIN, M.B. Duke Power Co. 89/11/15. 114pp. 62952 180-62952.303.

-9003090350 Rev 27 to, "Offsite Dose Calculation Manual, Oconee Nuclear Station."  
BIRCH, M.L. Duke Power Co. 90/01/01. 49pp. 62953 032-62953.080.

-9003090351 Rev 28 to, "Offsite Dose Calculation Manual, Oconee, McGuire & Catawba Nuclear Stations."  
BIRCH, M.L. Duke Power Co. 90/01/01. 82pp. 52953 081-52953.142

9003070256 Forwards request for addl info re response to Generic Ltr 88-11 Response to encl questions requested within 30 days of ltr date.  
WIENS, L.A. Project Directorate II-3. 90/03/01. TUCKER, H.B. Duke Power Co. 3pp. 52801 081-52801.083.

9003140280 Requests extends on to respond to Generic Ltr 90-01 re participation in regulatory impact survey until 900402. Utl in process of completing questionnaires for all units.  
TUCKER, H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 53018 341-53018.341

9003140320 Grants request to use Alloy 690 plugs as alternative to ASME Section III for tube plug mail, per 900124 ltr.  
MATTHEWS, D.B. Project Directorate II-3. 90/03/01. TUCKER, H.B. Duke Power Co. 3pp. 53000 281-53000.283.

9003200248 Advises that plant boron acid corrosion prevention program, acceptable, per 900731-0802 audit. Encl trip rept concludes program for monitoring small primary coolant leakage through corroded components adequate per Generic Ltr 88-05.  
WIENS, L.A. Project Directorate II-3. FIN A-3871. 90/03/13. TUCKER, H.B. Duke Power Co. 15pp. 53104 316-53104.330.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of stall position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195.069

#### Q. Inspection reports, IE Bulletins & correspondence

9002260333 Forwards Exam Rept 50-269/OI-89-02 on 891211-15 for Units 1, 2 & 3  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 2pp. 52710 265-52710.312

-9002260337 Exam Rept 50-269/OI-89-02 on 891211-14 for Units 1, 2 & 3. Exam results six senior reactor operators & all eight reactor operators passed exams.  
BALDWIN, R.S. Region 2, Ofc of the Director. 90/02/01. 71pp. 52710 267-52710.312.

9002230512 Forwards Insp Repts 50-269/90-02, 50-270/90-02 & 50-287/90-02 on 900108-12 No violations or deviations noted.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 3pp. 52715 088-52715.104.

-9002230515 Insp Repts 50-269/90-02, 50-270/90-02 & 50-287/90-02 on 900108-12 No violations or deviations noted. Major areas inspected plant chemistry w/emphasis on secondary chemistry & pipe erosion/corrosion throughout second sys.  
ADAMOVITZ, S. DECKER, T.R. Region 2, Ofc of the Director. 90/02/07. 13pp. 52715 092-52715.104.

9002230537 Forwards Insp Repts 50-269/89-40, 50-270/89-40 & 50-287/89-40 on 891217-000113 No violations or deviations noted.  
HERDT, A.R. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 3pp. 52715 158-52715.176.

-9002230541 Insp Repts 50-269/89-40, 50-270/89-40 & 50-287/89-40 on 891217-000113 No violations or deviations noted. Major areas inspected operations, surveillance testing, maint activities, nonroutine reporting program & insp of open items.  
SKINNER, P.H., WERT, L.D., SHYMLOCK, M.B. Region 2, Ofc of the Director. 90/02/07. 15pp. 52715 161-52715.175.

9002260289 Ack receipt of 900126 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-269/89-31, 50-270/89-31 & 50-287/89-31.  
HERDT, A.R. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 2pp. 52721 322-52721.323.

9002260569 Forwards Rev 1 to utl 900126 response to violations noted in Insp Repts 50-269/89-31, 50-270/89-31 & 50-287/89-31. Corrective actions: Penetration 63 & affected valves on other penetrations declared inoperable.  
TUCKER, H.B. Duke Power Co. 90/02/14. Document Control Branch (Document Control Desk). 3pp. 52721 036-52721.038.

9003050168 Forwards Insp Repts 50-269/90-01, 50-270/90-01 & 50-287/90-01 on 900108-12, 18 & 25 No violations or deviations noted.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/21. TUCKER, H.B. Duke Power Co. 3pp. 52836 264-52836.279.

-9003050170 Insp Repts 50-269/90-01, 50-270/90-01 & 50-287/90-01 on 900108-12, 18 & 25. No violations or deviations noted. Major areas inspected: design changes, mods, corrective actions & other engineering support activities.  
THOMAS, M., MOORE, R., JAFFE, F. Region 2, Ofc of the Director. 90/02/15. 13pp. 52836 267-52836.279.

9003140258 Requests approval for use of ASME Code Case N-461, "Alternative Rules for Piping Calor Block Thickness." Code case will be incorporated into inservice insp programs at facilities.  
TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 3pp. 53019 214-53019.216.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776 262-52776.380.

9003090352 Forwards Insp Repts 50-269/89-39, 50-270/89-39 & 50-287/89-39 on 891212-15 & 18-20 No violations or deviations noted.  
BLAKE, J.J., JULIAN, C.A. Region 2, Ofc of the Director. 90/02/23. TUCKER, H.B. Duke Power Co. 3pp. 52856 308-52856.318.

- 9003080354 Insp Repts 50-269/89-39, 50-270/89-39 & 50-287/89-39 on 891212-15 & 18-20. No violations or deviations noted Major areas inspected post-refueling startup tests of Unit 3 & core performance surveillances on Units 1 & 2.  
BURNETT, P.T., BELUSLEGA Region 2, Ofc of the Director. 80/02/22. 10pp. 52856 309-52856.318.
- 9003130289 Ack receipt of 900207 response to violations noted in Insp Repts 50-289/89-38, 50-270/89-36 & 50-287/89-38.  
HERDT, A.R. Region 2, Ofc of the Director. 90/02/27. TUCKER, H.B. Duke Power Co. 2pp. 52995:186-52995:197.
- 9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp. 52776 163-52776:261.
- 9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp. 52844 001-52844:098.
- 9003130088 Forwards Insp Repts 50-269/89-04, 50-270/89-04 & 50-287/89-04 on 900114-0217. No violations or deviations noted.  
HERDT, A.R. Region 2, Ofc of the Director. 90/02/28. TUCKER, H.B. Duke Power Co. 3pp. 53014:337-53014:350.
- 9003130094 Insp Repts 50-269/89-04, 50-270/89-04 & 50-287/89-04 on 900114-0217. No violations noted Major areas inspected: operations, surveillance testing, maintenance activities & evaluation of licensee self-assessment capability.  
SKINNER, P.H., WERT, L.D., DESAI, B.B. Region 2, Ofc of the Director. 90/02/28. 11pp. 53014 340-53014:350.
- 9003130109 Advises that NRC has reviewed 900202 ltr containing explanation of 900215 emergency preparedness drill, discussed in Insp Repts 50-269/89-29, 50-270/89-29 & 50-287/89-29. Items will be addressed in future Insp.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/02/28. TUCKER, H.B. Duke Power Co. 3pp. 52991:185-52991:197.
- 9003090514 Forwards Request for Relief 89-11 from ASME Code criteria re CRD mechanism motor-tube-to-nozzle pressure retaining bolting for second 10-yr Insp Interval.  
TUCKER, H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Control Desk). 5pp. 52964:258-52964:262.
- 9003210001 Forwards Insp Repts 50-269/90-03, 50-270/90-03 & 50-287/90-03 on 900122-28. No violations or deviations noted.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/03/02. TUCKER, H.B. Duke Power Co. 3pp. 53093:018-53093:027.
- 9003210002 Insp Repts 50-269/90-03, 50-270/90-03 & 50-287/90-03 on 900122-28. No violations or deviations noted Major areas inspected: review of licensee actions on open items.  
ECONOMOS, N.E., BLAKE, J.J. Region 2, Ofc of the Director. 90/02/27. 7pp. 53093:021-53093:027.
- 9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844 100-52844:188.
- 9003140373 Informs that until 900126 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations" satisfactory.  
MATTHEWS, D.B. Project Directorate II-3. 90/03/05. TUCKER, H.B. Duke Power Co. 4pp. 53000:316-53000:319.
- 9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997:001-52997:094.
- 9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997:085-52997:189.
- 9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997:288-52997:018.
- 9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844:199-52844:288.
- 9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52983 098-52983:189.
- 9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52983 200-52983:289.
- 9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52983:300-52983:048.
- 9003210133 Advises that data to complete corrective actions for violations noted in Insp Repts 50-269/89-25, 50-270/89-25 & 50-287/89-25 revised until 900110 due to need for add'l time to complete revs to affected station & rectifiers.  
TUCKER, H.B. Duke Power Co. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53105:115-53105:115.
- 9003220122 Forwards Insp Repts 50-269/90-05, 50-270/90-05 & 50-287/90-05 on 900212-16. No violations or deviations noted.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/03/13. TUCKER, H.B. Duke Power Co. 3pp. 53124:163-53124:176.

-9003220127 Insp Repts 50-269/90-05, 50-270/90-05 & 50-287/90-05 on 900212-16. No violations noted Major areas inspected: corrective actions initiated by NRC during Sept 1989 exercise.  
KREH, J.L. Region 2, Ofc of the Director. 90/03/09. 10pp. 53124:163-53124:176.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Ventilation on Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52997:180-52997:261.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Cause." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 53035 129-53035:188.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting from Radiation at Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168 001-53168:098.

9003160308 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132:098.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activation of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165:098.

#### R. Periodic operating reports & related correspondence

9003080339 "Radioactive Effluent Release & Solid Waste Disposal." W/900228 ltr.  
TUCKER, H.B. Duke Power Co. 89/12/31. 67pp. 52882:153-52882:210.

9003140283 "1989 Personnel Monitoring Rept." W/900301 ltr.  
TUCKER, H.B. Duke Power Co. 89/12/31. 2pp. 53018 163-53018:164.

9003140303 "Oconee Nuclear Station 1989 Personnel Exposure & Monitoring." W/900301 ltr.  
TUCKER, H.B. Duke Power Co. 89/12/31. 2pp. 53028 359-53028:360.

9003200153 Forwards monthly operating report for Feb 1990 & corrected Oconee Nuclear Station Units 1, 2 & 3.  
TUCKER, H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk). 1p. 53071:132-53071:148.

-9003200157 Monthly operating reports for Feb 1990 for Oconee Nuclear Station Units 1, 2 & 3.  
WILLIAMS, R.A., MOSER, S.W. Duke Power Co. 90/02/28. 53071:147.

-9003200160 Corrected monthly operating report for Jan 1990 for Oconee Nuclear Station Units 1, 2 & 3.  
Duke Power Co. 90/01/31. 1p. 53071:148-53071:148.

#### S. Reportable occurrences, LERs & related correspondence

9002260140 LER 90-002-00 on 890313 radiation protection technician revision memo giving calibrations of gamma spectroscopy systems. Cause: action & lack of attention to detail. Personnel counseled W/900216.  
LOWERY, H.R., BARRON, H.B. Duke Power Co. 90/02/16. 8pp. 52983 001-52983:088.

9003200010 LER 90-003-00 between Nov 1986 to Oct 1987, discovered operated valves not producing specified thrust values, per NRC Bulletin 89-003. Cause: by lack of available technology Torque switch setting adjusted W/900216.  
LOWERY, H.R., BARRON, H.B. Duke Power Co. 90/03/13. 8pp. 53071 001-53071:088.

#### T. Hearing transcripts on non-antitrust matters

9003090521 Forwards transcript of 900131 meeting at Catawba plant regarding penalty for violations involving inoperable auxiliary feedwater pump bypassed for security violations.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/02/23. TUCKER, H.B. Duke Power Co. 1p. 52951:312-52951:050.

-9003090524 Transcript of 900131 mgmt meeting w/utl in Clover, SC regarding penalty Enforcement Cases EA-89-151 & EA-89-178. Pp 1-58. Suppl 1-58.  
Ofc of Enforcement (Post 870413). 80/01/31. 88pp. 52951:313-52951:411.

#### V. Operator Examinations

9002260333 Forwards Exam Rept 50-269/OL-89-02 on 891211-15.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 2pp. 52710:265-52710:312.

-9002260337 Exam Rept 50-269/OL-89-02 on 891211-14 for Unit 1 results six senior reactor operators & eight reactor operators per Baldwin, R.S., CASTO, C.A. Region 2, Ofc of the Director. 90/02/08. 52710:267-52710:312.

#### Y. Dry Cask Independent Spent Fuel Storage Installations

8912050028 Requests Commission authorization for NMSS to issue authorization Duke Power Co. to possess spent fuel from Oconee Nuclear Station. ISFSI will employ NUTECH concrete module & steel canister.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. SEC 161pp. 52737:057-52737:217.

**9002230272** Advises of Commission approval of issuance of proposed license for dry concrete module storage of spent fuel. Requests that NRC inform Commission of ulli decommissioning plan after review.  
CHILK,S.J. Office of the Secretary of the Commission. 90/01/12. TAYLOR,J.M. Ofc of the Executive Director for Operations. 1p. 52727.096-52727.096

**9003140434** Informs that initial spent fuel loading schedule has been delayed until 900811 due to mfg & delivery delays.Updated SAR will not be submitted prior to 900811.  
TUCKER,H.B. Duke Power Co. 90/03/12. Office of Nuclear Material Safety & Safeguards,Director. 2pp. 52896.259-52896.260.

## DOCKET 50-270 OCONEE NUCLEAR STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

**9002280242** Advises that 900122 Rev 30 to plant physical security plan consistent w/ provisions of 10CFR50.54(p) & acceptable.  
CLINE,W.E. Region 2, Ofc of the Director. 90/02/13. TUCKER,H.B. Duke Power Co. 3pp. 52726.001-52726.003.

**9002280532** Revised crisis mgt plan implementing procedures,including Rev 4 to EDA-3 & Rev 5 to EDA-9.W900215 ltr.  
HARRIS,K.E., TUCKER,H.B. Duke Power Co. 90/02/15. 64pp. 52726.087-52726.151.

**9003130711** Forwards public version of crisis mgt implementing procedures,including Rev 34 to CMP-1,Rev 25 to CMP-2, Rev 30 to CMP-4,Rev 34 to CMP-5,Rev 39 to CMP-5 & Rev 38 to CMP-7.  
TUCKER,H.B. Duke Power Co. 90/02/19. Document Control Branch (Document Control Desk). 2pp. 52993.001-52994.134.

**-9003130721** Revised crisis mgt implementing procedures,including Rev 34 to CMP-1,Rev 25 to CMP-2,Rev 30 to CMP-4,Rev 34 to CMP-5,Rev 39 to CMP-6 & Rev 38 to CMP-7.  
HARRIS,K.E. Duke Power Co. 90/02/15. 492pp. 52993.003-52994.134.

**9003140437** Forwards public version of Vol C to Rev 90-02 to EPIP manuals.  
TUCKER,H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 2pp. 53001.001-53001.055.

**-9003140440** Public version of Vol C to Rev 90-02 of EPIP manuals.  
BARRON,H.B. Duke Power Co. 90/01/31. 53pp. 53001.003-53001.055.

**9003050006** Forwards proposed emergency plan Revs 89-01 & 89-02 re emergency classification scheme,per 900111 ltr.Proposed revs will be implemented by 900301.  
TUCKER,H.B. Duke Power Co. 90/02/23. Document Control Branch (Document Control Desk). 5pp. 52846.206-52846.300.

**9003130109** Advises that NRC has reviewed 900202 ltr containing explanation of 900215 emergency preparedness drill, discussed in Insp Repts 50-269/89-29,50-270/89-29 & 50-287/89-29,items will be addressed in future Insp.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/02/28. TUCKER,H.B. Duke Power Co. 3pp. 52991.185-52991.197.

**9003200432** Advises that Dec 1989 Rev 89-3 to Oconee Emergency Plan consistent w/ 10CFR50.47(b) & acceptable.Advises that proposed changes decreasing effectiveness of emergency plan require Commission approval per 10CFR50.54(g).  
COLLINS,D.M. Region 2, Ofc of the Director. 90/03/01. TUCKER,H.B. Duke Power Co. 3pp. 53079.099-53079.102.

**9003220122** Forwards Insp Repts 50-269/89-05,50-270/89-05 & 50-287/89-05 on 900212-18.No violations or deviations noted.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/03/13. TUCKER,H.B. Duke Power Co. 3pp. 53124.163-53124.175.

**-9003220127** Insp Repts 50-269/89-05,50-270/89-05 & 50-287/89-05 on 900212-18.No violations noted.Major areas inspected: corrective actions for problems identified by NRC during Sept 1989 exercise.  
KREH,J.L. Region 2, Ofc of the Director. 90/03/09. 10pp. 53124.166-53124.175.

**9003220285** Forwards corrected Page 2 of table of contents,emergency plan manual,Vol B,Rev 90-01.  
TUCKER,H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk). 1p. 53145.045-53145.046.

**-9003220288** Corrected Page 2 of table of contents,emergency plan manual, Vol B,Rev 90-01.  
\* Duke Power Co. 90/03/31. 1p. 53146.046-53145.046.

### P. Operating license stage documents & correspondence

**9002280250** Forwards E Back/prd 880928 request for CRGR review of proposed gener- to ltr,in response to request during 900109 & 18 meetings w/NRC for NRC considerations made prior to issuance of Generic Ltr 89-10.  
MATTHEWS,D.B. Project Directorate II-3. 90/02/05. TUCKER,H.B. Duke Power Co. 4pp. 52720.273-52720.316.

**9003010082** Summary of 900109-10 meeting w/ull & NUMARC at plant re formulation of maint performance indicators.Attendee list, agenda & outline of trending approaches at facility encl.  
WILLIAMS,M.H. Trends & Patterns Analysis Branch. 90/02/06. NOVAK,T.M. Division of Safety Programs (Post 870413). 12pp. 52780.257-52780.268.

**9002280234** Notification of 900223 meeting w/ull in Rockville,MD to discuss proposed response to Generic Ltr 89-19.  
WIENS,L.A. Project Directorate II-3. 90/02/13. MATTHEWS,D.B. Project Directorate II-3. 3pp. 52736.143-52736.145.

**9002280071** Forwards proprietary response to NRC 890725 questions re VIPRE core thermal hydraulic section of Topical Rept OPC-NE-3000 & Rev 2 to Pages 3-69,3-70,3-76 & 3-79 of rept.Encls withheld (ref 10CFR2.790).  
TUCKER,H.B. Duke Power Co. 90/02/20. Document Control Branch (Document Control Desk). 2pp. 52763.264-52763.265.

**9003050166** Forwards request for addl info to continue review of 870814 proposal to add Tech Specs for standby shutdown facility. Response requested within 21 days of ltr date.  
WIENS,L.A. Project Directorate II-3. 90/02/21. TUCKER,H.B. Duke Power Co. 3pp. 52835.086-52835.098.

**9003160251** Responds to 900104 request for addl info re HPI pump & reactor bldg spray pump motor/overcurrent relay settings. Results of analysis performed by Westinghouse on HPI pump motors consistent w/results of Design Engineering analysis.  
TUCKER,H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 3pp. 53036.189-53036.171.

**9002280267** Forwards photographs of damage to transfer cask incurred when transport ship encountered severe storm during trip from Europe to US Damage primarily limited to neutron shield.  
MCCONAGHY,W.J. Pacific Nuclear Systems, Inc. 90/02/23. ROBERTS,J. Fuel Cycle Safety Branch. 5pp. 52776.124-52776.129.

**9003090328** Forwards semiannual radioactive effluent release rept for Jul-Dec 1989 for McGuire Nuclear Station Units 1 & 2 & revised process control programs & offsite dose calculation manuals.  
TUCKER,H.B. Duke Power Co. 90/02/28. Document Control Branch (Document Control Desk). 4pp. 52952.053-52953.142.

**-9003090340** Rev 4 to, "Process Control Program Oconee Nuclear Station."  
ENTREKIN,M.B., DAVIS,J.M., TUCKMAN,M.S. Duke Power Co. 89/11/15. 114pp. 52952.190-52952.303.

**-9003090350** Rev 27 to, "Offsite Dose Calculation Manual,Oconee Nuclear Station"  
BIRCH,M.L., TUCKMAN,M.S. Duke Power Co. 90/01/01. 49pp. 52953.032-52953.080.

**-9003090351** Rev 28 to, "Offsite Dose Calculation Manual,Oconee,McGuire & Catawba Nuclear Stations."  
BIRCH,M.L., OWEN,T.B., MCCONNELL,T.L. Duke Power Co. 90/01/01. 62pp. 52953.081-52953.142.

**9003070255** Forwards request for addl info re response to Generic Ltr 88-11.Response to encl questions requested within 30 days of ltr date.  
WIENS,L.A. Project Directorate II-3. 90/03/01. TUCKER,H.B. Duke Power Co. 3pp. 52891.061-52891.063.

**9003140280** Requests extension to respond to Generic Ltr 90-01 re participation in regulatory impact survey until 900402.UH in process of completing questionnaires for all units.  
TUCKER,H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 53018.341-53018.341.

**9003140320** Grants request to use Alloy 690 plugs as alternative to ASME Section III for tube plug mail,per 900124 ltr.  
MATTHEWS,D.B. Project Directorate II-3. 00/03/01. TUCKER,H.B. Duke Power Co. 3pp. 53000.281-53000.283.

**9003200248** Advises that plant boric acid corrosion prevention program, acceptable,per 900731-0802 and ltr.Encl rpt conclludes program for monitoring small primary coolant leakage through corroded components adequate per Generic Ltr 88-05.  
WIENS,L.A. Project Directorate II-3. FIN A.3871. 90/03/13. TUCKER,H.B. Duke Power Co. 16pp. 53104.316-53104.330.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28,Item 2.2,Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 65pp. 53195.014-53195.089.

### Q. Inspection reports, IE Bulletins & correspondence

**9002280333** Forwards Exam Rept 50-269/OL-89-02 on 891211-15 for Units 1, 2 & 3.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/06. TUCKER,H.B. Duke Power Co. 2pp. 52710.285-52710.312.

**-9002280337** Exam Rept 50-269/OL-89-02 on 891211-14 for Units 1,2 & 3. Exam results six senior reactor operators & all eight reactor operators passed exams.  
BALDWIN,R.S. Region 2, Ofc of the Director. 90/02/01. 71pp. 52710.267-52710.312.

**9002230512** Forwards Insp Repts 50-269/90-02,50-270/90-02 & 50-287/90-02 on 900108-12.No violations or deviations noted.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/02/08. TUCKER,H.B. Duke Power Co. 3pp. 52718.089-52715.104.

**-9002230516** Insp Repts 50-269/90-02,50-270/90-02 & 50-287/90-02 on 900108-12.No violations or deviations noted.Major areas inspected:plant chemistry w/emphasis on secondary chemistry & pipe erosion/corrosion throughout second sys.  
ADAMOVITZ,S., DECKERT,T.F. Region 2, Ofc of the Director. 90/02/07. 13pp. 52715.092-52715.104.

**9002230537** Forwards Insp Repts 50-269/89-40,50-270/89-40 & 50-287/89-40 on 891217-900113.No violations or deviations noted.  
HERDT,A.R. Region 2, Ofc of the Director. 90/02/08. TUCKER,H.B. Duke Power Co. 3pp. 52716.158-52715.175.

**-9002230541** Insp Repts 50-269/89-40,50-270/89-40 & 50-287/89-40 on 891217-900113.No violations or deviations noted.Major areas inspected:operations,surveillance testing,maint activities, nonroutine reporting program & Insp of open items.  
SKINNER,P.H., WERT,L.D., SHYMLOCK,M.B. Region 2, Ofc of the Director. 90/02/07. 16pp. 52716.181-52715.175.

**9002280289** Ack receipt of 900126 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-269/89-31, 50-270/89-31 & 50-287/89-31.  
HERDT,A.R. Region 2, Ofc of the Director. 90/02/08. TUCKER,H.B. Duke Power Co. 2pp. 52721.322-52721.323.

- 9002260569 Forwards Rev 1 to w/ 900126 response to violations noted in Insp Repts 50-269/89-31, 50-270/89-31 & 50-287/89-31. Corrective actions Penetration 53 & affected valves on other parallel or deviations noted. TUCKER, H.B. Duke Power Co. 90/02/14. Document Control Branch (Document Control Desk). 3pp. 52721-056-52721-038
- 9003050168 Forwards Insp Repts 50-269/90-01, 50-270/90-01 & 50-287/90-01 on 900108-12, 18 & 25 No violations or deviations noted. PEEBLES, T.A. Region 2, OIC of the Director. 90/02/21. TUCKER, H.B. Duke Power Co. 3pp. 52836-284-52836-278
- 9003050170 Insp Repts 50-269/90-01, 50-270/90-01 & 50-287/90-01 on 900108-12, 18 & 25 No violations or deviations noted Major areas inspected design changes, corrective actions & other engineering support activities. THOMAS, M. MOORE, R. JAF, F. Region 2, OIC of the Director. 90/02/15. 13pp. 52836-287-52836-279
- 9003140258 Requests approval for use of ASME Code Case N-461, "Alternative Rules for Pump Casing Block Trunnions." Code case will be incorporated into inservice insp programs at facilities. TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 3pp. 53019-214-53019-216
- 9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776-262-52776-360
- 9003080352 Forwards Insp Repts 50-269/89-39, 50-270/89-39 & 50-287/89-39 on 891212-15 & 18-20 No violations or deviations noted. BLAKE, J.J. JULIAN, C.A. Region 2, OIC of the Director. 90/02/23. TUCKER, H.B. Duke Power Co. 3pp. 52856-306-52856-318
- 9003080354 Insp Repts 50-269/89-39, 50-270/89-39 & 50-287/89-39 on 891212-15 & 18-20 No violations or deviations noted Major areas inspected post-refueling startup tests of Unit 3 & core performance surveillances on Units 1 & 2. BURNETT, P.T. GELIS, E.G.A. Region 2, OIC of the Director. 90/02/22. 10pp. 52856-309-52856-318
- 9003130289 Ack receipt of 900207 response to violations noted in Insp Repts 50-269/89-36, 50-270/89-36 & 50-287/89-36. HERDT, A.R. Region 2, OIC of the Director. 90/02/27. TUCKER, H.B. Duke Power Co. 2pp. 52995-196-52995-197
- 9002230283 NRC Info Notice 90-011, "Main Duct Leaks Associated With Stopped Operated Valves." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-261
- 9002230378 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844-039
- 9003130088 Forwards Insp Repts 50-269/90-04, 50-270/90-04 & 50-287/90-04 on 900114-0217 No violations or deviations noted. HERDT, A.R. Region 2, OIC of the Director. 90/02/26. TUCKER, H.B. Duke Power Co. 3pp. 53014-337-53014-359
- 9003130094 Insp Repts 50-269/90-04, 50-270/90-04 & 50-287/90-04 on 900114-0217 No violations or deviations noted Major areas inspected: operations, surveillance testing, maintenance activities & evaluation of licensee self-assessment capability. SKINNER, P.J. WERT, L.D. DESAIB, B. Region 2, OIC of the Director. 90/02/28. 11pp. 53014-340-53014-350
- 9003130109 Advises that NRC has reviewed 900202 ltr containing explanation of 900215 emergency preparedness drill, discussed in Insp Repts 50-269/89-20, 50-270/89-29 & 50-287/89-29 items will be addressed in future insp. COLLINS, D.M. Region 2, OIC of the Director. 90/02/28. TUCKER, H.B. Duke Power Co. 3pp. 52991-195-52991-197
- 9003090514 Forwards Request for Relief 69-11 from ASME Code criteria re CRD mechanism motor-tube-to-nozzle pressure rotating bolting for second 10-yr insp interval. TUCKER, H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Control Desk). 5pp. 52864-258-52864-262
- 9003210091 Forwards Insp Repts 50-269/90-03, 50-270/90-03 & 50-287/90-03 on 900122-28 No violations or deviations noted. JULIAN, C.A. Region 2, OIC of the Director. 90/03/02. TUCKER, H.B. Duke Power Co. 3pp. 53093-018-53093-027
- 9003210092 Insp Repts 50-269/90-03, 50-270/90-03 & 50-287/90-03 on 900122-28 No violations or deviations noted Major areas inspected review of licensee actions on open items. ECONOMOS, N.E. BLAKE, J.J. Region 2, OIC of the Director. 90/02/27. 7pp. 53093-021-53093-027
- 9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-198
- 9003140373 Informs that w/ 900126 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations" satisfactory. MATTHEWS, D.B. Project Directorate II-3. 90/03/05. TUCKER, H.B. Duke Power Co. 4pp. 53000-318-53000-318
- 9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52987-001-52987-094
- 9003010172 NRC Info Notice 90-015, "Reciprocity/Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52987-095-52987-189

9003010227 NRC Info Notice 90-016, "Compliance With New Decommissioning Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning. 90/03/07. Consolidated Edison Co. of New York, Inc. 52988-018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Defective Fasteners." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-200

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies in Vulcan Valves." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 104pp. 52963-098-52963-102

9003050043 NRC Info Notice 90-018, "Potential Problems With Control Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-201

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52963-301

9003210133 Advises that date to complete corrective actions for violations noted in Insp Repts 50-269/89-25, 50-270/89-25 & 50-287/89-25 revised until 10/1/90 for add'l time to complete revs to affected station on directwires. TUCKER, H.B. Duke Power Co. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53105-115-53105-115

9003220122 Forwards Insp Repts 50-269/90-05, 50-270/90-05 & 50-287/90-05 No violations or deviations noted. COLLINS, D.M. Region 2, OIC of the Director. 90/03/13. TUCKER, H.B. Duke Power Co. 3pp. 53124-175-53124-175

--9003220127 Insp Repts 50-269/90-05, 50-270/90-05 & 50-287/90-05 No violations noted Major areas inspected: corrective actions initiated by NRC during Sept 1989 exercise. KREH, J.L. Region 2, OIC of the Director. 90/03/09. 10pp. 53124-176-53124-176

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Ventilation Spray at PWR Facilities." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-191

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Causes Bow." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-130

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting from Radiation Exposure at PWR Facilities." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168-001-53168-001

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Valves to Operate Because Valve Seat Friction Was Underestimated." ROSSIC, E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-001

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activation on Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSIC, E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp. 53185-007-53185-007

#### R. Periodic operating reports & related correspondence

9003080339 "Radioactive Effluent Release & Solid Waste Disposal." W/900301 ltr. TUCKER, H.B. Duke Power Co. 89/12/31. 67pp. 52892-153-52892-153

9003140283 "1989 Personnel Monitoring Report." W/900301 ltr. TUCKER, H.B. Duke Power Co. 89/12/31. 2pp. 53018-163-53018-163

9003140303 "Oconee Nuclear Station 1989 Personnel Exposure Report." W/900301 ltr. TUCKER, H.B. Duke Power Co. 89/12/31. 2pp. 53029-359-53029-359

9003200153 Forwards monthly operating for Feb 1990 & corrective actions for Oconee Nuclear Station Units 1, 2 & 3. TUCKER, H.B. Duke Power Co. 90/03/16. Document Control Branch (Document Control Desk). 1p. 53071-132-53071-148

--9003200157 Monthly operating reports for Feb 1990 for Oconee Nuclear Station Units 1, 2 & 3. WILLIAMS, R.A., MOSER, S.W. Duke Power Co. 90/02/28. 53071-147

--9003200160 Corrected monthly operating report for Jan 1990 for Oconee Nuclear Station Units 1, 2 & 3. WILLIAMS, R.A., MOSER, S.W. Duke Power Co. 90/01/31. 1p. 53071-148-53071-148

#### T. Hearing transcripts on non-antitrust matters

9003090521 Forwards transcript of 900131 meeting at Catawba plant regarding potential penalty for violations involving inoperable auxiliary feedwater pumps proposed for security violations. EBNETER, S.D. Region 2, OIC of the Director. 90/02/23. TUCKER, H.B. Duke Power Co. 1p. 52951-312-52951-312

## V. Operator Examinations

- 9002260333 Forwards Exam Rept 50-269/OL-89-02 on 891211-15 for Units 1, 2 & 3 PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/06 TUCKER,H.B. Duke Power Co 2pp 52710-265-52710-312
- 9002260337 Exam Rept 50-269/OL-89-02 on 891211-14 for Units 1,2 & 3 Exam results six senior reactor operators & eight reactor operators passed exams BALDWIN,R.S., CASTO,C.A. Region 2, Ofc of the Director. 90/02/01 71pp 52710-267-52710-312

## Y. Dry Cask Independent Spent Fuel Storage Installations

- 8912050028 Request Commission authorization for NMSS to issue initial license authorizing Duke Power Co to possess spent fuel from Oconee in ISFSI on plant site.(ISFSI will employ NUTECH concrete module & steel canister dry storage sys TAYLOR,J.M. Ofc of the Executive Director for Operations. SECY-89-355. 89/11/28 161pp 52737-057-52737-217.
- 9002230272 Advises of Commission approval of issuance of proposed license for dry concrete module storage of spent fuel. Requests that NRC inform Commission of utility decommissioning plan after review. CHILKIS,J. Office of the Secretary of the Commission. 90/01/12 TAYLOR,J.M. Ofc of the Executive Director for Operations. 1p. 52727-066-52727-096
- 9003140434 Informs that initial spent fuel loading schedule has been delayed until 900611 due to mfg & delivery delays.Updated SAR will not be submitted prior to 900811 TUCKER,H.B. Duke Power Co. 90/03/12 Office of Nuclear Material Safety & Safeguards,Director 2pp 52996-259-52996-260

## DOCKET 50-271 VERMONT YANKEE NUCLEAR POWER STATION

### F. Security, medical, emergency & fire protection plans

- 9002260304 Forwards Safety Insp Rept 50-271/89-22 on 891212-900122 Ack receipt of util 891228 response to NRC 891107 request for assessment detailing utility acknowledgment actions on instances of degraded high radiation area doors. JOHNSON,J.R. Region 1, Ofc of the Director. 90/02/13 MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 3pp 52725-263-52725-280
- 9002260313 Insp Rept 50-271/89-22 on 891212-900122 No violations noted. Major areas inspected:actions on previous insp findings, operational safety,security,plant operations,maint & surveillance,LERs & periodic reports. EAPEN,P.K. Region 1, Ofc of the Director. 90/02/09. 15pp. 52725-266-52725-280.
- 9003150286 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Completed survey questionnaire sheets re various insps,audits or evaluations encl. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 90/02/28. Document Control Branch (Document Control Desk). 8pp. 53035-116-53035-123.
- 9003130348 Rev 3 to EPIP OP 3531, "Emergency Call-In Method" & Rev 10 to CP 3712, "Emergency Plan Training" PORTER,E.C. Yankee Atomic Electric Co. 90/03/05. 26pp 52995-081-52995-100
- 9003140017 Advises that NRC plans to participate in emergency preparedness exercise at plant during wk of 900715. Training session will be held at Region 1 ofc 2 wks prior to exercise.Sample agenda encl. KNAPP,M.R. Region 1, Ofc of the Director. 90/03/05. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 5pp. 53019-288-53019-292.
- 9003200136 Forwards final SALP Board Rept 50-271/88-89 for Jul 1988 - Sept 1989 Commitments contained in NRC approved physical security plan,describing protective measures to achieve NRC security performance objective,must reflect actual plan. RUSSELL,W.T. Region 1, Ofc of the Director. 90/03/07. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 5pp 53071-175-53071-229.
- 9003230158 Final SALP Rept 50-271/88-89 for Jul 1988 to Sept 1989. Category 1 assigned in areas of plant operations, emergency preparedness,maint/surveillance,engineering & technical support & safety assessment/quality verification. \* Region 1, Ofc of the Director. 90/03/07. 37pp. 53071-180-53071-229.
- 9003230220 Forwards Revs 16-18 to physical security plan.Revs withheld (ref 10CFR73.21). MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 90/03/13. Document Control Branch (Document Control Desk). 2pp. 53130-137-53130-138.

### G. Adjudicatory correspondence

- 9003180038 Notice of withdrawal.\* Advises that author enters withdrawal as counsel for State of VT./Certificate of Svc. FARRELL,F. Vermont, State of. #190 10016. 90/03/01. 3pp. 52944-001-52944-003.
- 9003190083 Memorandum & order.\* Advises that discovery period will end on 900829,per Board consideration of party arguments at 900306 prehearing conference re scheduling matters. W/Certificate of Svc.Served on 900312. LAZO,R.M. Atomic Safety and Licensing Board Panel. #190 10049. 90/03/09. Office of the General Counsel (Post 860701). 3pp. 52971-024-52971-026.
- 9003300110 Interrogatories propounded by Vermont Yankee Nuclear Power Corp to State of VT (Set 1). \* W/Certificate of Svc.Related correspondence. GAD,R.K. Vermont Yankee Nuclear Power Corp. GAD,R.K. Ropes & Gray. #190 10141. 90/03/21. Vermont, State of. 8pp. 53155-079-53155-086.

### I. Financial Information

- 9003220308 Forwards "Vermont Yankee Nuclear Power Corp Financial Statements 891231,1988 & 1987." TREMBLAY,L.A. Vermont Yankee Nuclear Power Corp. 90/03/16. Document Control Branch (Document Control Desk). 24pp. 53145-021-53145-044.

## J. Insurance & Indemnity Information

- 9003150286 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Completed survey questionnaire sheets re various insps,audits or evaluations encl. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 90/02/28. Document Control Branch (Document Control Desk). 8pp. 53035-116-53035-123
- 9003150473 Advises that licensee maintains listed nuclear property insurance coverage for facility,per 10CFR50.54(w)(2) PEARSON,J.T. Vermont Yankee Nuclear Power Corp. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53030-216-53030-216

## P. Operating license stage documents & correspondence

- 9002160171 Identifies licensees requesting delays in submitting individual plant examinations. TAYLOR,J.M. Ofc of the Executive Director for Operations. SECY-90-039. 90/02/07. 4pp. 53045-355-53045-358.
- 9002220456 Forwards safety evaluation accepting utility 890727 & 890725 responses to Generic Ltr 88-01 re IGSCC in BWR stainless steel piping,except for position re leakage detection.W/o encl. FAIRFILL,M.B. Project Directorate I-3. 90/02/14. TREMBLAY,L.A. Vermont Yankee Nuclear Power Corp. 2pp. 52703-345-52703-346
- 9002260426 Forwards safety evaluation inadvertently omitted from 900214 ltr re utility response to Generic Ltr 88-01. FAIRFILL,M.B. Project Directorate I-3. 90/02/15. TREMBLAY,L.A. Vermont Yankee Nuclear Power Corp. 3pp. 52722-289-52722-325
- 9002260436 Safety evaluation accepting utility response to Generic Ltr 88-01. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/15. 2pp 52722-292-52722-325
- 9002260492 Provides NRC w/results of licensee review of design bases & operability status of torus-to-reactor bldg vacuum breakers. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 90/02/15. Document Control Branch (Document Control Desk). 6pp. 52721-041-52721-046
- 9003010223 Informs that NRC received YAE-1693,Rev 1 & that utility should proceed w/issuance of both topical reports using ref to YAE-1693,Rev 1,rather than to YAE-1693 as stated in NRC 891211 ltr. FAIRFILL,M.B. Project Directorate I-3. 90/02/21. TREMBLAY,L.A. Vermont Yankee Nuclear Power Corp. 4pp. 52781-104-52781-107
- 9003120334 Informs that utility 900122 response fulfills requirements of Generic Ltr 89-13, "Sewer Water Sys Problems Affecting Safety-Related Equipment." FAIRFILL,M.B. Project Directorate I-3. 90/02/21. TREMBLAY,L.A. Vermont Yankee Nuclear Power Corp. 4pp. 52971-314-52971-317

- 9003080298 Notification of 900307 meeting w/utility in Rockville,MD to discuss scheduling & prioritization of licensing actions. FAIRFILL,M.B. Project Directorate I-3. 90/02/28. WESSMAN,M.B. Project Directorate I-3. 4pp. 52851-161-52851-164.

- 9003130134 Application for amend to License DPR-28,consisting of proposed Tech Spec Change 155,revising Tech Spec Section 5.2 b to add hafnium as optional absorber material in control blades. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 90/02/28. Document Control Branch (Document Control Desk). 4pp. 52991-189-52991-193

- 9003130138 Proposed Tech Specs re control material for cruciform-shaped control rods. \* Vermont Yankee Nuclear Power Corp. 90/02/28. 1p. 52991-183-52991-193.

- 9003150286 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Completed survey questionnaire sheets re various insps,audits or evaluations encl. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 90/02/28. Document Control Branch (Document Control Desk). 8pp. 53035-116-53035-123

- 9003090014 Application for amend to License DPR-29,consisting of Proposed Change 167 to Tech Specs re deletion of organization chart & other minor changes. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 90/03/02. Document Control Branch (Document Control Desk). 5pp. 52966-313-52966-325.

- 9003120163 Proposed Tech Specs involving deletion of organizational charts & other associated minor changes. \* Vermont Yankee Nuclear Power Corp. 90/03/02. 8pp. 52966-318-52966-325.

- 9003150286 Application for amend to License DPR-28,consisting of proposed Tech Spec Change 156 re removal of 3.25 limit on extending surveillance intervals. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 90/03/05. Document Control Branch (Document Control Desk). 3pp. 53030-208-53030-211.

- 9003150407 Proposed Tech Specs,removing 3.25 limit on extending surveillance intervals. \* Vermont Yankee Nuclear Power Corp. 90/03/05. 1p. 53030-211-53030-211.

- 9003220087 Forwards FJ Miraglia 900129 ltr to BWR Owners Group & SER denying BWR Owners Group position on post-accident neutron flux monitoring & requests that utility install neutron flux monitoring instrumentation conforming to Reg Guide 1.97. FAIRFILL,M.B. Project Directorate I-3. 90/03/07. TREMBLAY,L.A. Vermont Yankee Nuclear Power Corp. 3pp. 53165-283-53165-291.

- 9003150417 Provides suppl info to clarify position re leakage detection & conformance w/Position C of Reg Guide 1.45.Utility concludes that combination of existing Tech Specs & administrative controls fully comply w/intent of staff position on leakage. MURPHY,W.P. Vermont Yankee Nuclear Power Corp. 90/03/08. Document Control Branch (Document Control Desk). 2pp. 53022-038-53022-039.

## 70 DOCKETED ITEMS

**9003160389** Forwards proprietary "Vermont Yankee Evaluation Model Sample Problem 07 Fil(2) Break in Recirculation Discharge Loop." in response to 900208 telcon Rept withheld (ref 10GFR2 790). TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 90/03/09. Document Control Branch (Document Control Desk) 2pp 53349 031-53349 032.

**9003210153** Forwards NRC understanding of current status of all unimplemented USIs for plant based on 891122 response to Generic Ltr 63-21, review of NRC records & discussions between NRC project manager & us. FAIRFIELD, M.B. Project Directorate I-3 90/03/09. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 4pp 53112 081-53112 084.

**9003220280** Application for amend to License DPR-28, consisting of Proposed Change 154 revising Tech Spec Table 4.7.2 a re primary containment isolation valves sub, to Type C leakage tests. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/03/09. Document Control Branch (Document Control Desk) 4pp 53128 039-53128 044.

**9003220282** Proposed Tech Specs revising Table 4.7.2 a re primary containment isolation valves sub, to Type C leakage tests & Table 4.7.2 b re primary containment isolation valves not sub, to Type C leakage tests. Vermont Yankee Nuclear Power Corp. 90/03/09. 2pp 53128 043-53128 044.

**9003260083** Requests add info re use of FROSST-2 computer code for LOCA analysis per util 871216 & 890804 hrs Response requested within 30 days. FAIRFIELD, M.B. Project Directorate I-3 90/03/09. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 7pp 53147 122-53147 128.

**9003220252** Forwards Rev 1 to YAE-1693-A, "Application of One-Dimensional Kinetics to BWR Transient Analysis Methods," per NUREG-0390. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 90/03/15. Document Control Branch (Document Control Desk) 1p 53113 001-53113 070.

**9003220278** Rev 1 to "Application of One-Dimensional Kinetics to BWR Transient Analysis Methods." ARSARIU, A., CHANDOLA, V., LEFRANCQ, S.M.P. Yankee Atomic Electric Co. YAE-1693-A R01 89/11/30. 6pp 53113 002-53113 070.

**9003220278** Forwards "Method for Generation of One-Dimensional Kinetics Data for RETRAN-02," per NUREG-0393 & 891211 request. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 90/03/15. Document Control Branch (Document Control Desk) 1p 53174 017-53174 088.

**9003220283** Method for Generation of One-Dimensional Kinetics Data for RETRAN-02. CRONIN, J.T., CACCIAPOUTI, R., SLIFER, B.C. Yankee Atomic Electric Co. YAE-1034-A. 89/06/29. 81pp 53174 018-53174 088.

**9003260317** Forwards supplemental info re feedwater check valve V28B flaws evaluation per NRC request USI remains committed to replacement of sub, valve during upcoming 1990 refueling outage. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 90/03/18. Document Control Branch (Document Control Desk) 5pp 53149 184-53149 188.

**9003260340** Forwards response to Generic Ltr 89-19 re resolution of USI A-47 Feedwater sys trip relays interfacing w/ feedwater pump control circuitry, powered from supplies originating from safety-related dc sources. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/03/19. Document Control Branch (Document Control Desk) 6pp 53148 025-53148 031.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-26, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 5pp 53185 014-53185 089.

### Q. Inspection reports, IE Bulletins & correspondence

**9002260304** Forwards Safety Insp Rept 50-271/89-22 on 891212-900122 Ack receipt of util 891228 response to NRC 891107 request for assessment detailing util addl corrective actions re instances of degraded high radiation area doors. JOHNSON, J.R. Region 1, Ofc of the Director. 90/02/13. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 3pp 52725 263-52725 280.

**9002260313** Insp Rept 50-271/89-22 on 891212-900122 No violations noted. Major areas inspected actions on previous insp findings, operational safety, security, plant operations, maint & surveillance, LERs & periodic reports. EAPEN, P.K. Region 1, Ofc of the Director. 90/02/09. 15pp 52725 268-52725 280.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 8pp 52778 262-52778 360.

**9002230283** NRC Info Notice 90-011, "Main Drainage Associated W/ Soenoid-Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp 52776 183-52776 261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp 52844 001-52844 093.

**9003160296** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Completed survey questionnaire sheets re various insps, audits or evaluations encl. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 90/02/28. Document Control Branch (Document Control Desk) 8pp 53035 116-53035 123.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radwaste." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/08. Consolidated Edison Co. of New York, Inc. 8pp 52897 01.

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement on Control Directors Before Beginning Work in Agreement States." CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp 52807 01.

**9003010227** NRC Info Notice 90-018, "Compliance W/ New Decommissioning Fasteners." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning. 90/03/07. Consolidated Edison Co. of New York, Inc. 1p 52898 018.

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 10pp 52844 189-52844 190.

**9003200136** Forwards final SALP Board Rept 50-271/89-99 for 1989 Commitments contained in NRC-approved physical security protective measures to achieve NRC security performance objectives, plan. RUSSELL, W.T. Region 1, Ofc of the Director. 90/03/07. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 5pp 53071 175-53071 220.

**9003230158** Final SALP Rept 50-271/89-99 for Jul 1989 to Sept 1989 signed in areas of plant operations, emergency preparedness, surveillance, engineering & technical support & safety assessment/evaluation. Region 1, Ofc of the Director. 90/03/07. 31pp 53071 189-53071 220.

**9003020211** NRC Info Notice 90-017, "Weight & Clr of Gravity Discrepancy." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 10pp 52863 090-52863 093.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/ Control Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 10pp 52863 200-52863 203.

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 10pp 52863 300-52863 304.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Ventilation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 8pp 52897 190-52897 193.

**9003130012** NRC Bulletin 90-032, "Loss of Thermal Margin Caused by Bow." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 8pp 53035 129-53035 132.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting from Operation of Radwaste Incorporators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp 53168 01.

**9003160308** NRC Info Notice 90-021, "Potential Failure of Motor-Valves to Operate Because Valve Seat Friction Was Undeformed." ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/28. Consolidated Edison Co. of New York, Inc. 10pp 53132 001-53132 004.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Activation of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/28. Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 010.

### R. Periodic operating reports & related correspondence

**9003080190** "Vermont Yankee Annual Operating Rept for 1989." W/ TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 89/12/31. 52893 209.

**9003080498** "Vermont Yankee Personnel Monitoring Rept Final for 1989." W/ 900228 ltr. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 89/12/31. 52892 149.

**9003090109** "Personnel Exposure Rept for 1989." W/ 900228 ltr. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 89/12/31. 149.

**9003140325** "Vermont Yankee Effluent & Waste Disposal Semiannual Fourth Quarters 1989." W/ 900228 ltr. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 89/12/31. 53019 039.

**9003130612** Monthly operating rept for Feb 1990 for Vermont Yankee Station. W/ 900310 ltr. WALLING, G.A. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 89/12/31. 53019 039.



**9003210274** LER 87-015-01 on 871003 reactor scram occurred as result of turbine control valves rapid opening & subsequent fast closure Caused by flow imbalance in turbine control oil sys. Turbine startup procedure revised W/900207 ltr.  
**PELLETIER, J.P.** Vermont Yankee Nuclear Power Corp. 80/03/07. 4pp. 53100-025-53100-028.

**9003150401** LER-90-001-00 on 900208 primary containment isolation sys Group III isolation & subsequent standby gas treatment sys initiation occurred Caused by personnel error. Isolation reset Personnel counseled on proper procedures W/900308 ltr.  
**PELLETIER, J.P.** Vermont Yankee Nuclear Power Corp. 80/03/08. 4pp. 52908-095-52908-098.

## V. Operator Examinations

**9003150413** Informs of scheduled changes made w/regard to plant licensed operator requalification training program.  
**MURPHY, W.P.** Vermont Yankee Nuclear Power Corp. 90/03/08. Document Control Branch (Document Control Desk). 2pp. 53020-012-53020-013.

## DOCKET 50-272 SALEM NUCLEAR GENERATING STATION, UNIT 1

## F. Security, medical, emergency & fire protection plans

**9003050138** Forwards Safety Insp Repts 50-272/90-04, 50-311/90-04 & 50-354/90-01 on 900101-0212. No violations noted.  
**BLOUGH, A.R.** Region 1, Ofc of the Director. 90/02/23. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52823-162-52823-193.

**9003050139** Insp Repts 50-272/90-04, 50-311/90-04 & 50-354/90-01 on 900101-0212. No violations noted. Major areas inspected: operations, radiological controls, maintenance, surveillance testing, emergency preparedness & security.  
**SWETLAND, P.D.** Region 1, Ofc of the Director. 90/02/23. 30pp. 52823-164-52823-193.

**9003150409** Rev 8 to EPIP 901, "Opening of Technical Support Ctr."  
 \* Public Service Electric & Gas Co. of New Jersey. 90/03/02. 16pp. 53020-037-53020-053.

**9003190116** Rev 2 to Emergency Plan.  
 \* Public Service Electric & Gas Co. of New Jersey. 90/03/02. 100pp. 53066-254-53066-082.

**9003200272** Revised EPIP's including Rev 4 to EPIP 801, 803 & 805, Rev 3 to EPIP 802, Rev 2 to EPIP 804 & Rev 0 to EPIP 807 & 808.  
 \* Public Service Electric & Gas Co. of New Jersey. 90/03/02. 74pp. 53073-233-53073-305.

**9003230083** Revised EPIP's including Rev 6 to EPIP 102S, Rev 7 to EPIP 103S, Rev 5 to EPIP 104S & Rev 8 to EPIP 202S.  
 \* Public Service Electric & Gas Co. of New Jersey. 90/03/02. 248pp. 53137-003-53137-250.

## J. Insurance & Indemnity Information

**9003080507** Forwards executed Amend 14 to Indemnity Agreement B-74.  
**MILTENBERGER, S.** Public Service Electric & Gas Co. of New Jersey. 90/02/28. DINI, T.J. Document Control Branch (Document Control Desk). 3pp. 52802-150-52802-162.

## P. Operating license stage documents & correspondence

**9002180171** Identifies licensees requesting delays in submitting individual plant exam results.  
**TAYLOR, J.M.** Ofc of the Executive Director for Operations. SECY-90-039. 90/02/07. 4pp. 53045-355-53045-358.

**9002260428** Forwards retyped Tech Spec pages inadvertently omitted from 900131 ltr re License Change Request 89-11.  
**PRESTON, A.B.** Public Service Electric & Gas Co. of New Jersey. 90/02/08. Document Control Branch (Document Control Desk). 2pp. 52720-260-52720-265.

**9002260430** Retyped proposed Tech Specs re administrative controls.  
 \* Public Service Electric & Gas Co. of New Jersey. 90/02/08. 2pp. 52720-262-52720-265.

**9002220415** Forwards request for addl info re 891017 application for amendments to Licenses DPR-70 & DPR-75, changing svc test requirements for 125- & 28-volt station batteries.  
**STONE, J.C.** Project Directorate I-2. 90/02/09. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 5pp. 52705-260-52705-264.

**9002260573** Forwards corrected Pages B 3/4 4-17 & B 3/4 4-18, incorporating Section B 3/4.4.12, inadvertently omitted from 900120 Amendments 108 & 86 to Licenses DPR-70 & DPR-75, respectively.  
**STONE, J.C.** Project Directorate I-2. 90/02/15. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52747-328-52747-332.

**9002270001** Corrected Pages B 3/4 4-17 & B 3/4 4-18 to Amendments 108 & 86 to Licenses DPR-70 & DPR-75, respectively, incorporating Section B 3/4.4.12 re reactor vessel head vents.  
 \* Project Directorate I-2. 90/02/15. 2pp. 52747-331-52747-332.

**9003070373** Application for amendments to Licenses DPR-70 & DPR-75, modifying Tech Spec Sections 4.1.1.3 & 3.1.1.3 & associated bases to change end-of-life negative temp coefficient limit. WCAP-12452, "Safety Evaluation Supporting More..." and LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/02/22. Document Control Branch (Document Control Desk). 8pp. 52889-053-52889-109.

**9003070378** Proposed Tech Specs 3.1.1.3 & 4.1.1.3 & associated bases re moderator temp coefficient.  
 \* Public Service Electric & Gas Co. of New Jersey. 90/02/22. 8pp. 52889-062-52889-070.

**9003070381** "Safety Evaluation Supporting More Negative End-of-Life Moderator Temp Coefficient Tech Spec for Salem Units 1 & 2."  
**GREEN, L., VERTES, C.M., MUTYALAM.** Westinghouse Electric Corp. WCAP-12452. 89/11/30. 38pp. 52889-071-52889-108.

**9003080012** Forwards changes to proposed Tech Specs for reactor vessel level instrumentation sys (RVLSI) to provide minimum requirements until RVLSI can be upgraded in response to NRC 891031 ltr.  
**LABRUNA, S.** Public Service Electric & Gas Co. of New Jersey. 90/02/23. Document Control Branch (Document Control Desk). 7pp. 52825-232-52825-256.

**9003090235** Proposed Tech Specs re reactor vessel level instrumentation sys.  
 \* Public Service Electric & Gas Co. of New Jersey. 90/02/23. 18pp. 52825-239-52825-256.

**9003090029** Provides addl info to assist NRC in reviewing License Change Request 87-15 re reduction of turbine valve test frequency, per guidance in WCAP-11525.  
**LABRUNA, S.** Public Service Electric & Gas Co. of New Jersey. 90/02/26. Document Control Branch (Document Control Desk). 3pp. 52945-346-52945-348.

**9003190092** Forwards Amends 110 & 89 to Licenses DPR-70 & DPR-75, respectively & safety evaluation. Amends allow highly qualified individual w/o current, valid senior operator license to assume duties of operations manager.  
**STONE, J.C.** Project Directorate I-2. 90/03/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 53050-319-53050-335.

**9003190096** Amends 110 & 89 to Licenses DPR-70 & DPR-75, respectively, allowing highly qualified individual w/o current, valid senior reactor operator license to assume responsibility of operations manager.  
**BUTLER, W.R.** Project Directorate I-2. 90/03/07. 12pp. 53050-322-53050-333.

**9003190097** Safety evaluation supporting Amends 110 & 89 to Licenses DPR-70 & DPR-75, respectively.  
 \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/07. 2pp. 53050-334-53050-335.

**9003190301** Forwards corrected Tech Spec Page 3/4 3-69, reflecting changes approved in Amends 64 & 79.  
**STONE, J.C.** Project Directorate I-2. 90/03/12. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 53069-216-53069-219.

**9003190305** Corrected Tech Spec Page 3/4 3-69 to Amend 79 to License DPR-70.  
 \* Project Directorate I-2. 90/03/12. 2pp. 53069-218-53069-219.

**9003260337** Forwards list of unresolved USIs for facilities, including USI A-44 re station blackout, USI A-46 re seismic qualification of equipment in operating plants & USI A-47 re safety implications of control sys in LWRs.  
**STONE, J.C.** Project Directorate I-2. 90/03/14. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53148-078-53148-081.

**9003260327** Forwards safety evaluation accepting util response to DCDOR concerns noted in NRC 870302 SSR, per Suppl 1 to NUREG-0737 & TMI item I.D.1.  
**STONE, J.C.** Project Directorate I-2. 90/03/15. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 5pp. 53148-073-53148-077.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
**PARTLOW, J.G.** Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 65pp. 53195-014-53195-069.

**9003260282** Advises that 900126 response to Recommendations I, III & IV of Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment" acceptable. Insp of initial sample of 20% to 30% of containment fan coolers approved.  
**STONE, J.C.** Project Directorate I-2. 90/03/20. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53149-119-53149-122.

**9003260313** Advises that individual plant exam approach, methodology & schedule, provided in 891101 ltr in response to Generic Ltr 88-20, acceptable. Schedule changes should be reported to NRC.  
**STONE, J.C.** Project Directorate I-2. 90/03/20. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53149-158-53149-161.

## G. Inspection reports, IE Bulletins & correspondence

**9002260437** Responds to NRC 900108 ltr re violations noted in Insp of Licenses DPR-70 & DPR-75. Corrective actions: emergency operating procedures revised & resubmitted w/10CFR50.59 safety evaluation & program document to be reviewed.  
**LABRUNA, S.** Public Service Electric & Gas Co. of New Jersey. 90/02/08. Document Control Branch (Document Control Desk). 7pp. 52720-266-52720-272.

**9003160238** Notification of Mid-SALP Meeting 90-26 on 900302 at plant site.  
**SWETLAND, P.D.** Region 1, Ofc of the Director. 90/02/22. Region 1, Ofc of the Director. 2pp. 53042-122-53042-123.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
**ROSSI, C.E.** Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776-282-52776-360.

**9003050138** Forwards Safety Insp Repts 50-272/90-04, 50-311/90-04 & 50-354/90-01 on 900101-0212. No violations noted.  
**BLOUGH, A.R.** Region 1, Ofc of the Director. 90/02/23. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52823-162-52823-193.

**9003050139** Insp Repts 50-272/90-04, 50-311/90-04 & 50-354/90-01 on 900101-0212. No violations noted. Major areas inspected: operations, radiological controls, maintenance, surveillance testing, emergency preparedness & security.  
**SWETLAND, P.D.** Region 1, Ofc of the Director. 90/02/23. 30pp. 52823-164-52823-193.

**9002230283** NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
**ROSSI, C.E.** Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-261.



9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 89pp. 52844-001-52844-059

9003080325 Responds to NRC 900119 request for add info re Generic Ltr 89-04, "In-service Insp Program." Encl contains list of in-service testing program relief requests not previously approved & not in conformance w/ Generic Ltr 89-04.  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 90/02/28 Document Control Branch (Document Control Desk). 54pp. 52859-076-52859-129.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05 Consolidated Edison Co. of New York, Inc. 93pp. 52844-100-52844-199

9003140271 Forwards Insp Repts 50-272/90-03 & 50-311/90-03 on 900108-12. No violations or unsatisfactory items noted.  
DARR, J.P. Region 5, Ofc of the Director. 90/03/05. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 53018-015-53018-022

9003140273 Insp Repts 50-272/90-03 & 50-311/90-03 on 900108-12 & 16-29 Weaknesses noted re in-service testing program administration. Major areas inspected corrective action efforts & in-service testing program activities.  
LOPEZ, A.E., FRIVIDY, L.J., EAFEN, P.K. Region 5, Ofc of the Director. 90/02/26. 6pp. 53018-017-53018-022

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Wastes." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06 Consolidated Edison Co. of New York, Inc. 89pp. 52937-301-52937-094

9003010172 NRC Info Notice 90-016, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp. 52997-055-52997-169

9003010227 NRC Info Notice 90-016, "Compliance With New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52998-018

9003010293 Suppl 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-VuCan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52983-058-52983-199

9003150408 Submits supplemental info re 890809 notice of violation per Insp Rept 50-272/89-16 investigation concludes that no meaningful reason exists for inconsistency in feedwater control valve contamination isolation time.  
CRIMMINS, T.M. Public Service Electric & Gas Co. of New Jersey. 90/03/09 Document Control Branch (Document Control Desk). 2pp. 53022-040-53022-041

9003050043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/03 Consolidated Edison Co. of New York, Inc. 100pp. 52983-200-52983-289

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 106pp. 52963-300-52964-048

9003220179 Advises 900223 commitment to rev to AP-32 cannot be met due to need for additional clarification Rev to AP-32 will be completed by 900315  
LABRUINA, S. Public Service Electric & Gas Co. of New Jersey. 90/03/09 Document Control Branch (Document Control Desk). 2pp. 53126-068-53126-069

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14 Consolidated Edison Co. of New York, Inc. 89pp. 52997-190-52997-287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 89pp. 53035-129-53035-228

9003260282 Advises that 900126 response to Recommendations I, III & IV of Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment" acceptable Insp of initial sample of 20% to 30% of containment fan coolers approved  
STONE, J.C. Project Directorate I-2. 90/03/20. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53148-119-53148-122

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100

9003160349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108

## R. Periodic operating reports & related correspondence

9003090179 "Radioactive Effluent Release Rept - 27 for Jul-Dec 1989"  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 56pp. 52565-300-52565-354

9003090358 Forwards printouts containing RW-859 nuclear fuel data  
891231 & diskettes  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. Dept. of 92pp. 52953-335-52954-066

9003090085 Forwards NPDES discharge monitoring rept for Jan 1990  
Public Service Electric & Gas Co. of New Jersey. 90/02/22  
Jersey, State of 5pp. 52949-330-52949-350

9003090088 "NPDES Discharge Monitoring Rept for Jan 1990"  
Public Service Electric & Gas Co. of New Jersey. 90/01/31  
52949-359

9003080467 Annual operating rept for 1989 for Salem & Hope Creek  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 12pp. 52969-276-52969-286

9003200179 Monthly operating rept for Feb 1990 for Salem Unit 1  
W. CRITCHELL, A., W. T. P. MILLER, L. K. Public Service Electric & Gas Co. of New Jersey. 90/02/28. 9pp. 53077-130-53077-134

## S. Reportable occurrences, LERs & related correspondence

9003160055 Supplemental Special Rept 88-3-18 from 900720-0002 cable penetrations & penetration seals repaired for more than 1000 ft. w/ concrete until fire protection concerns resolved  
MILLER, L. K. Public Service Electric & Gas Co. of New Jersey. 12pp. 53039-316-53039-319

9003050296 LER 90-004-00 on 900124, spruce actuation signal for pressure vacuum relief sys isolation received. Probably caused by failure in sys channel Sys design mods under way. W/900223  
POLLOCK, M.J., MILLER, L. K. Public Service Electric & Gas Co. of New Jersey. 23pp. 52829-206-52829-209

9003230031 LER 90-005-00 on 900223, radiation monitoring sys problem gas monitor channel began intermittently spiking high response. Caused by design requirement problem. Equipment replaced  
POLLOCK, M.J., MILLER, L. K. Public Service Electric & Gas Co. of New Jersey. 14pp. 53122-133-53122-137

9003260457 PNO 1-80-024 on 900310, power outage on Salem de Hope Creek reactor scram. Caused by low reactor vessel water level. Loss of all feedwater & condensate pumps. Status of NJ & DE have  
SWETLAND, Region 5, Ofc of the Director. 90/03/20. 1p. 53175-310

## V. Operator Examinations

9003190092 Forwards Amends 110 & 89 to Licenses DPR-70 & DP-70 safety evaluation. Arrands a new highly qualified individual w/o current vald to assume duties of operations manager.  
STONE, J.C. Project Directorate I-2. 90/03/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 53050-319-53050-335

9003190096 Amends 110 & 89 to Licenses DPR-70 & DP-70, highly qualified individual w/o current vald senior reactor operator responsibility of operations manager.  
BUTLER, W.R. Project Directorate I-2. 90/03/07. 12pp. 53050-322-53050-322

9003190097 Safety evaluation supporting Amends 110 & 89 in DPR-75, respectively.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 53050-334-53050-335

## DOCKET 50-275 DIABLO CANYON NUCLEAR POWER PLANT, U

## F. Security, medical, emergency & fire protection plans

9003050120 Forwards Insp Repts 50-275/89-33 & 50-323/89-33 on 900117 & notice of violation. Listed examples and cause of lack of involvement & quality oversight activities in fire protection area.  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/07. SHIFFER, L. K. Public Service Electric & Gas Co. 4pp. 52825-050-52825-087

9003050125 Notice of violation from Insp on 891204-08 violation of two procedures requiring operability of positive d/s placement ensure availability for safety shutdown  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/07. 1p. 52825-050

9003050128 Insp Repts 50-275/89-33 & 50-323/89-33 on 891204-08 noted Major areas inspected followup of open items & review of response to open items.  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/08. 13pp. 52825-050

9003220060 Rev 7 to EPIP EP R-2, "Release of Airborne Radionuclides"  
900313 ltr.  
TOWNSEND, J.D., WOMACK, L.F. Pacific Gas & Electric Co. 53113-071-53113-088

9003090300 Forwards public version of Rev 11 to EPIP EP G-4, "Ability & Assembly" W/900305 release memo.  
WOMACK, L.F. Pacific Gas & Electric Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52988-083-52988-091

--9003090303 Public version of Rev 11 to EPIP EP G-4, "Personnel Accountability & Assembly."  
\* Pacific Gas & Electric Co 90/01/17. 6pp. 52968 085-52968 081

9003070320 Forwards Insp Repts 50-275/90-04 & 50-323/90-04 on 900129-0202 No violations or deficiencies noted  
YUHAS,G.P. Region 5, Ofc of the Director 90/02/15 SHIFFER,J.D. Pacific Gas & Electric Co 2pp 52890-129-52890-139

--9003070324 Insp Repts 50-275/90-04 & 50-323/90-04 on 900129-0202 No violations or deficiencies noted Major areas inspected open items identified during previous emergency preparedness insps to address notifications & communications  
GOOD,G.M., YUHAS,G.P. Region 5, Ofc of the Director 90/02/15 9pp 52890-131-52890-139.

9003090133 Confirms 900226 telcon re scheduling of enforcement conference at facility on 900316 to discuss violations noted during last security insp  
SCARANO,R.A. Region 5, Ofc of the Director 90/03/02. SHIFFER,J.D. Pacific Gas & Electric Co 2pp 52945-103-52945-104.

9003140180 Notification of 900316 enforcement conference in San Luis Obispo, CA to discuss violations noted during unannounced routine security insp at plant  
SCARANO,R.A. Region 5, Ofc of the Director 90/03/02. Region 5, Ofc of the Director 2pp 53020-006-53020-007

9003120076 Forwards Safeguards Insp Repts 50-275/90-02 & 50-323/90-02 on 900205-14. Violations noted in unauthorized access inside vital areas & failure to report to NRC loss of compensatory security measures Insp repts withheld (ref 10CFR2.760)  
SCARANO,R.A. Region 5, Ofc of the Director 90/03/03. SHIFFER,J.D. Pacific Gas & Electric Co 3pp 52974-132-52974-134

9003200325 Notification of 900403,04 & 05 meeting w/utl in Rockville, MD to discuss NRC evaluation of electrical power sys & fire analysis of plant PRA & results of NRC plant quantification & sensitivity analyses re long-term seismic program  
ROOD,H. Project Directorate V. 90/03/14. TRAMMELL,C.M. Project Directorate V. 4pp 53079-134-53079-138

#### G. Adjudicatory correspondence

9003280164 Order ' Advises that plaintiffs in Holt vs PG&E request for relief from minors for duty rule pending review of appeal's considered nioal per US Court of Appeals for Ninth Circuit denial of stay motion W/ Certification of Sec Served on 900322.  
CHILKS,J. Office of the Secretary of the Commission. #190 10130 90/03/22 Office of the General Counsel (Post 870701) 4pp 53124-063-53124-066.

#### H. General correspondence

9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDF  
PHILLIPS,J.D. Division of Freedom of Information & Publications Services (Post 80205) 90/02/26. WEBER,M.A. New York Newsday 18pp 52990-252-52990-264

--9003120253 Requests NRC consideration of and constituent ltr.  
D'AMATO,A. Senate 81/11/13 NRC - No Detailed Affiliation Given 2pp 52989-311-52989-312.

--9003120268 Ack receipt of constituents, Bannisters 811113 ltr re safety of plant Commission 811120 order suspending license for Unit 1 and W/o and  
KAMMERER,C. Office of Congressional Affairs (Post 870413). 81/11/24 D'AMATO,A. Senate 1p 52990-314-52990-316.

#### I. Financial information

9003150333 "Pacific Gas & Electric Co 1989 Annual Rept." W/900313 ltr  
CLARKE,R.A., LOCKE,R.F. Pacific Gas & Electric Co. 89/12/31 53pp 53032-108-53032-159

#### O. Advisory Committee on Reactor Safeguards reports & correspondence

9002280265 Summarizes 890808-10 meeting in Rockville, MD re Diablo Canyon Nuclear Power Plant  
PAGE,B.M. Stanford Univ., Stanford, CA 89/08/11. SISS,C.P. Illinois, Univ. of, Urbana, IL 2pp 52780-160-52780-161

9002280246 Summarizes ACRS 890808,09 & 10 meetings in Rockville, MD re seismic source characterization for plant & earthquake magnitudes  
THOMPSON,G.A. Stanford Univ., Stanford, CA 89/08/08 SEISS,C.P. Illinois, Univ. of, Urbana, IL 2pp 52759-306-52759-307.

#### P. Operating license stage documents & correspondence

9002220814 Forwards Amends 48 & 47 to Licenses DPR-80 & DPR-82, respectively, revising Tech Spec 4.3.1.1, Table 4.3.1.1, Item 23, "Seismic Trip" & safety evaluation.  
ROOD,H. Project Directorate V. 90/02/06 SHIFFER,J.D. Pacific Gas & Electric Co 3pp 52703-210-52703-224.

--9002220618 Amends 48 & 47 to Licenses DPR-80 & DPR-82, respectively, revising Tech Spec 4.3.1.1, Table 4.3.1.1, Item 23, "Seismic Trip."  
TRAMMELL,C.M. Project Directorate V. 90/02/06. 6pp. 52703-213-52703-220.

--9002220623 Safety evaluation supporting Amends 48 & 47 to Licenses DPR-80 & DPR-82, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/06. 4pp. 52703-221-52703-224.

9002230523 Forwards proprietary WCAP-12495 & nonproprietary WCAP-12496, "Review of Flow Peaking & Tube Fatigue in Diablo Canyon Units 1 & 2 Steam Generators" per EL Murphy Aug 1989 request.  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/06. Document Control Branch (Document Control Desk). 2pp 52719-129-52719-160.

--9002230529 Requests withholding of proprietary WCAP-12495, "Review of Flow Peaking & Tube Fatigue in Diablo Canyon Units 1 & 2 Steam Generator," from public disclosure.  
WIESEMANN,R.A. Westinghouse Electric Corp 90/01/22. MURLEY,T.E. Document Control Branch (Document Control Desk) 10pp 52719-131-52719-140

--9002230535 "Review of Flow Peaking & Tube Fatigue in Diablo Canyon Units 1 & 2 Steam Generators"  
HALL,J.M., HILL,M.H., PITTEBLE,T.A. Westinghouse Electric Corp WCAP-12496 80/11/30. 20pp 52719-141-52719-160.

9002230486 Advises that 900125 proposed changes to QA program submitted for update of Chapter 17 to FSAR acceptable  
ZIMMERMAN,R.P. Region 5, Ofc of the Director 90/02/13 SHIFFER,J.D. Pacific Gas & Electric Co 1p 52998-223-52998-223

9002270188 Forwards State of CA 900119 ltr authorizing rerouting & discharge of firewater as described in utl 890829 ltr  
WOMACK,L.F. Pacific Gas & Electric Co. 90/02/14. Document Control Branch (Document Control Desk) 4pp 52756-182-52756-185

9002260371 Responds to NRC 800119 request for info re long-term seismic program PRA of electric power sys  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/16. Document Control Branch (Document Control Desk) 23pp 52738-310-52738-332.

9003060119 Litigation Rept 1990-10  
CONDELS,J.F. Solicitor (Post 860701) SECY-00-052 90/02/16 46pp 52988-309-52988-354

9003080398 Responds to 900122 request to add info re util evaluation of effectiveness of mtg oversight & assessment of rect for additional corrective actions concerning excessive personnel overtime Procedure AP A-8 revised.  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/21. Document Control Branch (Document Control Desk) 2pp 52910-125-52910-126

9003090243 Forwards addl info re 891115 NPDES permit application Three wastewater treatment technologies deleted, including screening chlorination & landfill  
FURTADO,V.C. Pacific Gas & Electric Co. 90/02/21. LEONARD,W. California, State of 53pp 52945-134-52945-186

9003010158 Summary of 900130 meeting w/utl in Rockville, MD re license amend request to disallow one pressurizer safety valve in event of valve leak  
ROOD,H. Project Directorate V. 90/02/22. Project Directorate V. 2pp 52815-269-52815-293

9003080391 Forwards supplemental info to 890429 ltr re steam generator tube rupture analysis, per 881111 request ltr upgrading 10% steam generator POHVs to provide independent vital control power source for backup air bottle supply to each valve  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/22. Document Control Branch (Document Control Desk) 14pp 52858-232-52858-305

9003090233 Forwards proposed changes to plant monitoring & reporting program, per 900123 & 0220 discussions  
FURTADO,V.C. Pacific Gas & Electric Co. 90/02/22. LEONARD,W. California, State of 16pp. 52850-026-52850-043.

9003070089 Forwards request for addl info re NRC review of plant long-term seismic program covering geology, geophysics & seismology issues info should be provided by 900331. To prepare for mid Apr 1990 meeting  
ROOD,H. Project Directorate V. 90/02/23. SHIFFER,J.D. Pacific Gas & Electric Co 7pp 52890-091-52890-097.

9003150125 Forwards Amends 50 & 49 to Licenses DPR-80 & DPR-82, respectively & safety evaluation Amends revise Tech Spec Table 3.3.6, "Radiation Monitoring Instrumentation." to increase alarm/trip setpoint for RM-58 to 75 mrem/h  
ROOD,H. Project Directorate V. 90/02/26. SHIFFER,J.D. Pacific Gas & Electric Co 6pp 53032-182-53032-188

--9003150129 Amends 50 & 49 to Licenses DPR-80 & DPR-82, respectively, revising Tech Spec Table 3.3.6, "Radiation Monitoring Instrumentation for Plant Operations" to increase alarm/trip setpoint of RM-58 from 15 to 75 mrem/h  
ROOD,H. Project Directorate V. 90/02/26. 7pp. 53032-188-53032-194

--9003150130 Safety evaluation supporting Amends 50 & 49 to Licenses DPR-80 & DPR-82, respectively  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/26. 4pp. 53032-195-53032-199

9003150184 Forwards Amends 51 & 50 to Licenses DPR-80 & DPR-82, respectively & safety evaluation Amends revise Tech Specs to allow removal of boron injection tank from each unit  
ROOD,H. Project Directorate V. 90/02/26. SHIFFER,J.D. Pacific Gas & Electric Co. 4pp 53047-118-53047-149

--9003150187 Amends 51 & 50 to Licenses DPR-80 & DPR-82, respectively, revising Tech Spec to allow removal of boron injection tank from each unit  
ROOD,H. Project Directorate V. 90/02/26. 24pp. 53047-122-53047-145

--9003150188 Safety evaluation supporting Amends 51 & 50 to Licenses DPR-80 & DPR-82, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/26. 4pp. 53047-146-53047-149.

9003090168 Forwards completed NRC regulatory impact survey questionnaire sheet per Generic Ltr 90-01. Util believes that Insp & audit data provided will enhance data base used to develop survey results.  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk) 25pp 52964-053-52964-077.

9003090258 Forwards application for amends to Licenses DPR-80 & DPR-82, adding Tech Spec 3/4.7.1.6 & associated bases to assure operability of steam generator 10% atmospheric dump valves for mitigation of steam generator tube rupture accident.  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk) 2pp. 52945-189-52945-210.

-9003090262 Proposed Tech Specs re steam generator 10% atmospheric dump valves.  
\* Pacific Gas & Electric Co. 90/02/28. 4pp. 52945-207-52945-210

9003150024 Notification of 900319 meeting w/ull in Golden, CO to review & discuss empirical ground motion studies & plant long term seismic program.  
ROOD, H. Project Directorate V. 90/03/08. TRAMMELL, C.M. Project Directorate V. 5pp. 53025-183-53025-187.

9003200325 Notification of 900403, 04 & 05 meeting w/ull in Rockville, MD to discuss NRC evaluation of electrical power sys & fire analysis of plant PRA & results of NRC plant qualification & sensitivity analysis re long-term seismic program.  
ROOD, H. Project Directorate V. 90/03/14. TRAMMELL, C.M. Project Directorate V. 5pp. 53079-134-53079-138.

9003200344 Forwards request for addl info re NRC review of plant PRA performed for long-term seismic program, resulting from review of util presentations at recent technical meetings & written submittals.  
ROOD, H. Project Directorate V. 90/03/14. SHIFFER, J.D. Pacific Gas & Electric Co. 5pp. 53079-139-53079-143.

9003210114 Forwards application for License Amend Request 90-04 to Licenses DPR-80 & DPR-82, revising Tech Specs 3.5.4.1 & 3.5.4.2, Table 3.3-5 & associated bases to change applicability of boron injection tank.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/03/14. Document Control Branch (Document Control Desk). 2pp. 53105-078-53105-088.

-9003210117 Application for amends to Licenses DPR-80 & DPR-82, changing Tech Specs 3.5.4.1 & 3.5.4.2, Table 3.3-5 & associated bases to change applicability of boron injection tank.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/03/14. 5pp. 53105-078-53105-082

-9003210118 Proposed Tech Specs 3.5.4.1 & 3.5.4.2, revising Table 3.3-5 & associated bases to change applicability of boron injection tank.  
\* Pacific Gas & Electric Co. 90/03/14. 6pp. 53105-083-53105-088.

9003220261 "Diablo Canyon Power Plant Unit 1 Cycle 4 Startup Rept." W/900314 ltr. SHIFFER, J.D. Pacific Gas & Electric Co. 90/03/14. 11pp. 53126-193-53126-203.

9003260347 Forwards FR notice of consideration of issuance of amends to Licenses DPR-80 & DPR-82 & proposed NSHC determination & opportunity for hearing on 900314 request to combine Tech Specs re removal of boron injection tank.  
ROOD, H. Project Directorate V. 90/03/15. SHIFFER, J.D. Pacific Gas & Electric Co. 3pp. 53148-054-53148-064.

-9003260351 Notice of consideration of issuance of amends to Licenses DPR-80 & DPR-82 & proposed NSHC determination & opportunity for hearing re 900314 request to combine Tech Specs to remove boron injection tank.  
ROOD, H. Project Directorate V. 90/03/15. 8pp. 53148-057-53148-064.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2 Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 65pp. 53195-014-53195-089.

#### Q. Inspection reports, IE Bulletins & correspondence

9003050120 Forwards Insp Repts 50-275/89-33 & 50-323/89-33 on 891204-08 & 13 & 900117 & notice of violation listed examples indicative of lack of effective mgmt involvement & quality oversight activities in fire protection area.  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/07. SHIFFER, J.D. Pacific Gas & Electric Co. 4pp. 52825-050-52825-057.

-9003050125 Notice of violation from insp on 891204-08. Violation noted: no administrative procedures requiring operability of positive displacement charging pumps to ensure availability for safe shutdown.  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/07. 1p. 52825-054-52825-054.

-9003050128 Insp Repts 50-275/89-33 & 50-323/89-33 on 891204-08/0117. Violations noted: Major areas inspected followup of open items & review of licensee actions in response to open items.  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/08. 13pp. 52825-055-52825-067.

9002230095 EN-90-015 on 900213, notice of violation & proposed imposition of civil penalty in amount of \$50,000 will be issued based on three violations re containment sump operability.  
TROSKOSKI, W. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/08. 1p. 52715-063-52715-063.

9002220604 Forwards notice of violation addressing deficiencies identified in Insp Repts 50-275/89-22 & 50-275/89-27.  
ZIMMERMAN, R.P. Region 5, Ofc of the Director. 90/02/09. SHIFFER, J.D. Pacific Gas & Electric Co. 3pp. 52714-001-52714-005.

-9002220625 Notice of violation from insp on 890821-1026. Violation noted: failure to take appropriate measures to assure correction of deficiencies identified by licensee involving safety-related application of parts provided by suppliers.  
ZIMMERMAN, R.P. Region 5, Ofc of the Director. 90/02/09. 2pp. 52714-004-52714-005.

9002220606 Discusses Special Insp Repts 50-275/89-31 & 50-323/89-31 on 891017-1211 & forwards notice of violation & proposed imposition of civil penalty in amount of \$50,000. Violations discussed during 891218 enforcement conference.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/02/13. SHIFFER, J.D. Pacific Gas & Electric Co. 3pp. 52705-245-52705-250.

-9002220619 Notice of violation & proposed imposition of civil penalty in amount of \$50,000. Violations noted: inadequacy of actions to identify & correct nonconforming conditions re excessive gaps in Unit 1 recirculation sump & inadequate insp.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/02/13. 3pp. 52705-248-52705-250.

-9003080183 Insp Repts 50-275/90-03 & 50-323/90-03 on 900117 noted: Major areas inspected followup on open items & corrective actions, plant chemistry & radiochemistry & facility tours.  
TENBRUNCK, W.K. WENSLAWSKI, F.A. Region 5, Ofc of the Director. 53048-005-53048-015.

9003070320 Forwards Insp Repts 50-275/90-04 & 50-323/90-04 on 900117 violations or deficiencies noted.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/02/15. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 52890-129-52890-139.

-9003070324 Insp Repts 50-275/90-04 & 50-323/90-04 on 900117 or deviations noted: Major areas inspected, open items identified, agency preparedness insps to address notifications & communications.  
GOOD, G.M. YUHAS, G.P. Region 5, Ofc of the Director. 90/02/15. 52890-139.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Control." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). Consolidated Edison Co. of New York, Inc. 95pp. 52776-262-52776-262.

9002230263 NRC Info Notice 90-011, "Maint Deficiency Associated with Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). Consolidated Edison Co. of New York, Inc. 95pp. 52776-163-52776-163.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Safety Systems." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). Consolidated Edison Co. of New York, Inc. 95pp. 52844-001-52844-001.

9003090166 Forwards completed NRC regulatory impact survey questionnaire. Ltr 90-01. Util believes that insp & audit data provided would be used to develop survey results.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/02/28. Document Control Branch (Post 870413). 25pp. 52864-053-52864-077.

9003280162 Forwards Insp Repts 50-275/89-34 & 50-323/89-34 on 891210-000127. Violations noted.  
RICHARDS, S.A. Region 5, Ofc of the Director. 90/02/28. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 53147-187-53147-185.

-9003280170 Notice of violation from insp on 891210-000127. Violations noted: scaffolding on 891221 in three Unit 2 vital battery rooms w/o would not be adversely impacted during seismic event.  
RICHARDS, S.A. Region 5, Ofc of the Director. 90/02/28. 2pp. 53147-185.

-9003280175 Insp Repts 50-275/89-34 & 50-323/89-34 on 891210-000127. Violations noted: Major areas inspected: plant operational activities, followup of offsite events, open items & LERS.  
MENDONCA, M.M. Region 5, Ofc of the Director. 90/02/28. 53147-185.

9003090133 Confirms 900226 telcon re scheduling of enforcement conference on 900316 to discuss violations noted during last security insp.  
SCARANO, R.A. Region 5, Ofc of the Director. 90/03/02. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 52945-103-52945-104.

9003140180 Notification of 900318 enforcement conference in S. discusses violations noted during unannounced routine security insp.  
SCARANO, R.A. Region 5, Ofc of the Director. 90/03/02. Region 5, Ofc of the Director. 2pp. 53020-006-53020-007.

9003120076 Forwards Safeguards Insp Repts 50-275/90-02 & 50-323/89-29. Violations noted re unauthorized access inside vital area to NRC loss of compensatory security measures. Insp repts within 900314.  
SCARANO, R.A. Region 5, Ofc of the Director. 90/03/03. SHIFFER, J.D. Pacific Gas & Electric Co. 3pp. 52874-132-52874-134.

9002270399 NRC Info Notice 90-013, "Importance of Review & Approval of Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). Consolidated Edison Co. of New York, Inc. 95pp. 52844-100-52844-100.

9003150108 Responds to NRC 900202 ltr re violations noted in Insp Repts 50-275/89-29. Corrective actions: Administrative Procedure requires that senior staff have current senior operator license.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/03/05. Document Control Branch (Post 870413). 3pp. 53022-110-53022-112.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. Consolidated Edison Co. of New York, Inc. 88pp. 52944-001-52944-001.

9003010172 NRC Info Notice 90-015, "Reciprocity: Notification of Agreement Between Control Directors Before Beginning Work in Agreement." CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. Consolidated Edison Co. of New York, Inc. 95pp. 52944-001-52944-001.

9003010227 NRC Info Notice 90-016, "Compliance W/New Design." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Disposal. Consolidated Edison Co. of New York, Inc. 100pp. 52988-018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Padlock Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870413). Consolidated Edison Co. of New York, Inc. 100pp. 52844-189-52844-189.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator At Start Receiver Tanks." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp 52963 260-52963 299.

**9003050146** NRC Bulletin 90-001, "Loss of Fill Oil in Transformers Mgt by Rosemount." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp 52963 300-52964 048.

**9003190278** Forwards "Diablo Canyon Power Plant Unit 1 Third Refueling Outage In-service Insp Rept," per ASME Section XI, Paragraph IWA-6220. SHIFFER,J.D. Pacific Gas & Electric Co. 90/03/09. Document Control Branch (Document Control Desk). 1p 53067 131-53067 224.

**-9003190279** "Diablo Canyon Power Plant Unit 1 Third Refueling Outage In-service Insp Rept." Pacific Gas & Electric Co. 90/03/09. 93pp 53067 132-53067 224.

**9003260322** Forwards Exam Repts 50-275/OL-90-01 & 50-323/OL-90-01 administered on 900205-09. KIRSCH,D.F. Region 5, Ofc of the Director. 90/03/09. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp 53147 237-53148 011.

**-9003260326** Exam Repts 50-275/OL-90-01 & 50-323/OL-90-01 on 900205-09. Exam results all 10 senior reactor operators passed both written & oral exams. Two licensed operators passed requalification exam retakes. JOHNSTON,G.W., MILLER,L.F. Region 5, Ofc of the Director. 90/03/02. 133pp. 53147 239-53148 011.

**9003260402** Responds to NRC 900209 ltr re violations noted in Insp Repts 50-275/89-22 & 50-323/89-27. Corrective actions Nuclear Engineering Manual Procedure 12.4 re technical evaluation of supplier quality programs being prepared. SHIFFER,J.D. Pacific Gas & Electric Co. 90/03/12. Document Control Branch (Document Control Desk). 5pp 53060 225-53069 229.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp 52997 100-52997 287.

**9003220253** Confirms telcon re SALP licensee meeting at plant on 900322. Proposed agenda & internal meeting notice encl. ZIMMERMAN,R.P. Region 5, Ofc of the Director. 90/03/16. SHIFFER,J.D. Pacific Gas & Electric Co. 4pp. 53145 199-53145 204.

**-9003220283** Notification of 900322 SALP licensee meeting w/util at plant. Region 5, Ofc of the Director. 90/03/16. Region 5, Ofc of the Director. 2pp 53145 203-53145 204.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp 53035 120-53035 226.

**9003180224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166 057-53166 147.

**9003160306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132 100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 108.

## R. Periodic operating reports & related correspondence

**9003680377** "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989." W/ 900227 ltr & org oversize figure. WOMACK,L.F. Pacific Gas & Electric Co. 89/12/31. 93pp 52924 033-52924 125.

**9003090178** "Tabulation of Personnel Exposure to Radiation for 1989." W/900228 ltr. WOMACK,L.F. Pacific Gas & Electric Co. 89/12/31. 5pp 52967 027-52967 031.

**9002280014** "Rept on Discharge Monitoring at Diablo Canyon Power Plant During Month of Jan 1990." W/900220 ltr. TOWNSEND,J.D. Pacific Gas & Electric Co. 90/01/31. LEONARD,W. California, State of. 28pp. 52760 212-52760 237.

**9003220049** Monthly operating repts for Feb 1990 for Diablo Canyon Units 1 & 2. W/ 900315 ltr. BEDESEM,P., TOWNSEND,J.D. Pacific Gas & Electric Co. 90/02/28. 11pp. 53112 209-53112 219.

## S. Reportable occurrences, LERs & related correspondence

**9002260122** Provides summary rept re unusual event per NUREG-0654, Rev 1, App 1. On 900208, seismic activity felt by plant personnel & confirmed by seismic instrumentation in control room. TOWNSEND,J.D. Pacific Gas & Electric Co. 90/02/07. HENDRIX,R. San Luis Obispo, CA. 2pp. 52778 017-52778 018.

**9003150450** LER 88-030-01 on 881012, 38 h allowed by Tech Spec 3.4.6.1 to place unit in cold shutdown due to inoperable radiation monitor exceeded. On 881128, discovered that containment air radlogas monitor bypassed. Procedure revised W/900307 ltr. GREBEL,T.L., SHIFFER,J.D. Pacific Gas & Electric Co. 90/03/07. 6pp. 53006 115-53006 120.

## V. Operator Examinations

**9003260322** Forwards Exam Repts 50-275/OL-90-01 & 50-323/OL-90-01 administered on 900205-09. KIRSCH,D.F. Region 5, Ofc of the Director. 90/03/09. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp 53147 237-53148 011.

**-9003260326** Exam Repts 50-275/OL-90-01 & 50-323/OL-90-01 on 900205-09. Exam results all 10 senior reactor operators passed both written & oral exams. Two licensed operators passed requalification exam retakes. JOHNSTON,G.W., MILLER,L.F. Region 5, Ofc of the Director. 90/03/02. 133pp. 53147 239-53148 011.

## DOCKET 50-277 PEACH BOTTOM ATOMIC POWER STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

**9003130719** Forwards public version of repts to EPIPs, including Rev 5 to ERP-101, App 1 to Rev 13 to ERP-110, App 2 to Rev 10 to ERP-110, App 1 to Rev 7 to ERP-140, App 2 to Rev 10 to ERP-140, App 3 to Rev 11 to ERP-140. HUNGER,G.A. Philadelphia Electric Co. 90/02/15. Document Control Branch (Document Control Desk). 3pp 52999 250-52999 337.

**-9003130723** Public version of EPIPs, including Rev 5 to ERP-110, App 1 to Rev 13 to ERP-110, App 2 to Rev 10 to ERP-110, App 1 to Rev 7 to ERP-140, App 3 to Rev 11 to ERP-140, Rev 5 to ERP-250 & Rev 2 to ERP-317. Philadelphia Electric Co. 90/02/15. 86pp. 52998 253-52999 337.

**9002280270** Forwards final SALP Repts 50-277/88-99 & 50-278/88-99 for Aug 1988 - June 1989. NRC ack licensee efforts &/or plans to improve weaknesses noted in assessment re training facilities & emergency preparedness corporate support. RUSSEL,W.T. Region 1, Ofc of the Director. 90/02/18. MCNEILL,C.A. Philadelphia Electric Co. 3pp. 52778 027-52778 075.

**-9003010008** Final SALP Repts 50-277/88-99 & 50-278/88-99 for Aug 1988 - June 1989. Region 1, Ofc of the Director. 90/02/18. 43pp. 52778 030-52778 075.

**9003020249** Forwards repts to physical security plan. Encls withhold (ref 10CFR73.21 & 2.790). SMITH,D.M. Philadelphia Electric Co. 90/02/23. Document Control Branch (Document Control Desk). 1p. 52798 265-52798 265.

**9003090324** Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDR. PHILLIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/28. WEBER,M.A. New York Newsday. 18pp. 52990 252-52990 284.

**-9003130577** Requests NRC consideration of encl constituent JM McHugh 891227 ltr to A.D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr. NRC 820212 press release citing operators at eight plants for emergency planning violations also encl. D'AMATO,A.M. Senate. 90/01/24. KAMMERER,C. Congressional Affairs. 7pp. 52991 121-52991 172.

**9003260402** Forwards Safety Insp Repts 50-277/89-26 & 50-278/89-26 on 891120-1231 & notice of violations. BLOUGH,A.R. Region 1, Ofc of the Director. 90/03/13. MCNEILL,C.A. Philadelphia Electric Co. 3pp. 53157 001-53157 063.

**-9003260501** Insp Repts 50-277/89-26 & 50-278/89-26 on 891120-1231. Violations noted. Major areas inspected: operation safety, radiation protection, physical security, control room activities & licensee events. DOERFLEIN,L.T. Region 1, Ofc of the Director. 90/03/14. 68pp. 53157 006-53157 063.

## H. General correspondence

**9003120188** Informs of address change for correspondence control desk to reflect move of nuclear group to Chesterbrook. HUNGER,G.A. Philadelphia Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52974 193-52974 194.

## J. Insurance & indemnity information

**9003200456** Responds to General Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900118 request. HUNGER,G.A. Philadelphia Electric Co. 90/03/12. Document Control Branch (Document Control Desk). 18pp. 53075 091-53075 108.

## P. Operating license stage documents & correspondence

**8906220179** Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear power plants licensed by NRC. Unit 2 successfully restarted & operational performance to date satisfactory. Units still require close monitoring. STELLO,V. Ofc of the Executive Director for Operations. 89/05/26. PAQUETTE,J.F. Philadelphia Electric Co. 3pp. 52988 113-52988 116.

9003080451 Appeals denial of FOIA request for records Requestor be given withheld documents should be produced & that Exemptions 5 & 7 not apply. HILL, T.C. Shaw, Pittman, Polts & Trovridge. 90/01/31 CHILK, S.J. Office of the Secretary of the Commission. WILLIAMS, D. Office of Inspector General (Post 893417). TAYLOR, J.M. Office of the Executive Director for Operations. 5pp 52839 297-52839 282

9002260006 Discusses NRC 900122-23 senior managers meeting re performance of plants licensed to operate by NRC. Unit has demonstrated sustained improvement sufficient to warrant removal from category requiring increased NRC attention. TAYLOR, J.M. Office of the Executive Director for Operations. 90/02/12 PAQUETTE, J. Philadelphia Electric Co. 3pp 52711 102-52711 104

9002270086 Supp's 891130 response to Generic Ltr 89-21 re status of implementation of USI at facilities USI A-10 re CRD return line nozzle completed in Jul 1985 for Unit 2 & by air date for Unit 3. HUNGER, G.A. Philadelphia Electric Co. 90/02/13. Document Control Branch (Document Control Desk). 5pp 52756 126-52756 132

9002260478 Grants temporary waiver of compliance in response to 900214 request for relief from Tech Spec 3.5 E.2 to allow continued operation w/ core inoperable automatic depressurization sys valve. BOGER, B.A. Assistant Director for Region I Reactors. 90/02/14 HUNGER, G.A. Philadelphia Electric Co. 4pp 52736 346-52736 349

9002260148 Certifies that 891122 Tech Spec Change Request (TSCR) 89-15, 891228 TSCR 88-18 & 900214 TSCR 90-04 mailed to Commonwealth of PA, Dept of Environ Resources. HUNGER, G.A. Philadelphia Electric Co. 90/02/16 Document Control Branch (Document Control Desk). 1p 52776 078-52776 078

9003090168 Forwards Amend 152 to License DPR-44 & safety evaluation. Amend provides one time extension of 7 day limiting condition for operation of Tech Spec 3.5 E.2 w/ core inoperable automatic depressurization sys valve. BOGER, B.A. Assistant Director for Region I Reactors. 90/02/23 HUNGER, G.A. Philadelphia Electric Co. 4pp 52966 219-52966 233

-9003090174 Amend 152 to License DPR-44, providing one time extension of 7-day limiting condition for operation of Tech Spec 3.5 E.2 w/ core inoperable automatic depressurization sys valve to prevent unnecessary shutdown to repair valve. BOGER, B.A. Assistant Director for Region I Reactors. 90/02/23. 5pp 52966 223-52966 227

-9003090181 Safety evaluation supporting Amend 152 to License DPR-44. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/23 6pp 52966-223-52966 233

9003080170 Application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Request 89-12 re commitment to ANS/ANS-3.1-1981, "Selection, Qualification & Training of Personnel for Nuclear Power Plants." HUNGER, G.A. Philadelphia Electric Co. 90/02/26 Document Control Branch (Document Control Desk). 18pp 52898 236-52898 254

-9003080176 Proposed Tech Specs re facility staff qualifications, training review & audit & function & composition of plant operations review committee. \* Philadelphia Electric Co. 90/02/26. 1p 52898 264-52898 254

9003090113 Forwards application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Requests 89-13 & 89-14, revising nuclear review board membership & meeting frequency & adding independent safety engineering group requirements. HUNGER, G.A. Philadelphia Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp 52954-093-52954 115

-9003090116 Application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Requests 89-13 & 89-14, revising nuclear review board membership & meeting frequency & adding independent safety engineering group requirements. \* Philadelphia Electric Co. 90/02/26. 14pp 52964-095-52964 108

-9003090119 Proposed Tech Specs revising independent safety engineering group requirements & nuclear review board function. \* Philadelphia Electric Co. 90/02/26. 7pp 52964-109-52964 115

9003150344 Application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Request 89-21, removing cycle-specific parameter limits from Tech Specs per guidance in Generic Ltr 88-16. HUNGER, G.A. Philadelphia Electric Co. 90/03/06 Document Control Branch (Document Control Desk). 20pp 53022-189-53022 258

-9003150346 Proposed Tech Specs re core operating limits reprim, instrumentation that initiates control rod blocks & engineered safeguards compartments cooling & ventilation. \* Philadelphia Electric Co. 90/03/06. 50pp 53022-209-53022 258

9003150426 Provides actions taken to ensure & verify sys design basis performance, per 900205 SSFI at facility. SMITH, D.M. Philadelphia Electric Co. 90/03/08 Document Control Branch (Document Control Desk). 2pp 53022-042-53022-043

9003200456 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900118 request. HUNGER, G.A. Philadelphia Electric Co. 90/03/12 Document Control Branch (Document Control Desk). 18pp 53075-091-53075-109

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195-014-53195-069

# **Q. Inspection reports, IE Bulletins & correspondence**

9002230342 Forwards Insp Repts 90-277/90-02 & 50-278/90-02 on 900108-12. No violations noted. DURR, J.P. Region 1, Office of the Director, 90/02/07. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52716-196-52716 206

-9002230346 Insp Repts 50-277/90-02 & 50-278/90-02 on noted Major areas inspected licensee implementation of post-accident monitoring instrumentation. CHEUNG, L., GRECA, A.D., ANDERSON, C.J. Region 1, Office of the Director. 9pp 52716 198-52716 206

9002270295 Forwards Safety Insp Repts 50-277/89-29 & 50-278/89-29 on 22 No violations noted Corrective actions for 13 of 14 items. DURR, J.P. Region 1, Office of the Director. 90/02/08 MCNEILL, C.A. 2pp 52758 292-52758 333

-9002270299 Insp Repts 50-277/89-29 & 50-278/89-29 on noted Major areas inspected status of previously identified licensee actions to resolve items. DELLA GRECA, A., ANDERSON, C.J. Region 1, Office of the Director. 90/02/16. 52758 294-52758 333

9002280270 Forwards final SALP Repts 50-277/88-89 & 50-278/88-89 on June 1989 NRC back licensee efforts & re plans to improve assessment re training facilities & emergency preparedness. RUSSELL, W.T. Region 1, Office of the Director. 90/02/16. Philadelphia Electric Co. 3pp 52778-027-52778 075

-9003010008 Final SALP Repts 50-277/88-89 & 50-278/88-89 on 1099. \* Region 1, Office of the Director. 90/02/16. 43pp 52778-030-52778 030

9002270396 Forwards Insp Repts 50-277/89-82 & 50-278/89-82 on noted re oversight & involvement roles in restart activities. Required re ongoing effort to reduce number of equipment problems. BLOUGH, A.R. Region 1, Office of the Director. 90/02/21. Philadelphia Electric Co. 2pp 52755 315-52755 340

-9002270401 Insp Repts 50-277/89-82 & 50-278/89-82 on noted re plant operations review committee chairman compliance of meeting items Major areas inspected readiness for restart. DOERFLIN, L.T. Region 1, Office of the Director. 90/02/21. 52755 340-52755 340

9002160093 NRC Info Notice 90-010, "Primary Water Stress Test." Svc list encl. ROSS, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 262

9003090324 Partial response to FOIA request for documents enclosed Apps A & B documents available in PDF. PHILLIPS, J.D. Division of Information & Public Affairs. 90/02/26 WEBER, M.A. New York Newsday. 1pp 890205 90/02/26

-9003130577 Requests NRC consideration of and constitute to A. D'Amato forwarding St Lawrence Environ Mgt Council press release citing operators at eight plants for emergency drills. D'AMATO, A.M. Senate. 90/01/24 KAMMEHLER, C. 52991 121-52991 172

9002230283 NRC Info Notice 90-011, "Plant Deficiency Assessment." Svc list encl. ROSS, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp 52776 162-52776 162

9002230379 NRC Info Notice 90-012, "Monitoring of Interruptions." Svc list encl. ROSS, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp 52944 031-52944 031

9002270399 NRC Info Notice 90-013, "Importance of Review Event Logs." Svc list encl. ROSS, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp 52844 103-52844 103

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Spent Fuel." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. 90/03/06 Consolidated Edison Co. of New York, Inc. 80pp

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Control Directors Before Beginning Work in Agreement." CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp

9003010227 NRC Info Notice 90-016, "Compliance W/Novelty." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management. 90/03/13. 90/03/07. Consolidated Edison Co. of New York, Inc. 52898-019

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Fasteners." Svc list encl. ROSS, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 100pp 52844 103-52844 103

9003020211 NRC Info Notice 90-017, "Weight & Cir of Gravity." Svc list encl. ROSS, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 104pp 52963 011-52963 011

9003050043 NRC Info Notice 90-018, "Potential Problems with Valves Used on Diesel Generator Air Start Receiver Tanks." ROSS, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 100pp 52963 201-52963 201

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters." Svc list encl. ROSS, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 109pp 52963 301-52963 301

9003200458 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900116 request.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/12. Document Control Branch (Document Control Desk). 18pp. 53075.091-53075.108.

9003260492 Forwards Safety Insp Repts 50-277/89-26 & 50-278/89-26 on 891120-1231 & notice of violations.  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/03/13. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 53157.001-53157.063.

-9003260495 Notice of violation from Insp on 891120-1231 Violation noted control rod manipulations not conducted per Procedures GP-2 & GP-3 specifically between 891124-1211.  
\* Region 1, Ofc of the Director. 90/03/13. 2pp. 53157.004-53157.005.

-9003260501 Insp Repts 50-277/89-26 & 50-278/89-26 on 891120-1231. Violations noted. Major areas inspected operation safety, radiation protection physical security, control room activities & license events.  
DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/03/14. 58pp. 53157.006-53157.063.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.226.

9003160224 NRC Info Notice 90-020, "Personal Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53160.057-53160.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 106pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### R. Periodic operating reports & related correspondence

9003200399 "Recorded Annual Whole Body Exposure for Period Jan-Dec 1989." W/ 900309 ltr.  
SMITH, D.M. Philadelphia Electric Co. 89/12/31. 4pp. 53104.305-53104.308.

9003220289 "Semiannual Effluent Release Rept 28 Jul-Dec 1989." W/000228 ltr.  
WATSON, H.L., SMITH, D.M. Philadelphia Electric Co. 89/12/31. 17pp. 53145.182-53145.198.

9002270106 Monthly operating repts for Jan 1990 for Peach Bottom Atomic Power Station W/undated ltr.  
BARON, M.J., SMITH, D.M. Philadelphia Electric Co. 90/01/31. 14pp. 52749.274-52749.287.

9002260033 Revt to "1989 Annual Rept on Safety Relief Challenges at Plants." SMITH, D.M. Philadelphia Electric Co. 90/02/07. Document Control Branch (Document Control Desk). 1p. 52711.141-52711.141.

#### S. Reportable occurrences, LERs & related correspondence

9003060303 LER 89-007-01 on 890411, green discoloration discovered in grease on stabs of several control fuses in a kV switchgear. Probably caused by incomplete procedure Maint Procedure M-054 004 revised to include fuse Insp W/900207 ltr.  
CRIBBE, T.E., SMITH, D.M. Philadelphia Electric Co. 90/02/07. 4pp. 52829.265-52829.268.

9002270460 RO on 900103, common plant standby gas treatment sys Train A fire protection deluge sys declared inoperable for more than 14 days. Caused by replacement of filter w/ threaded pipe plug. Fire watch patrol established & nozzle replaced.  
SMITH, D.M. Philadelphia Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 2pp. 52745.351-52745.352.

9003080112 LER 90-001-00 on 900124, discovered that daily instrument check of main stack flow rate monitor not performed. Caused by incomplete procedure Operating shift surveillance log revised to include daily instrument check W/900223 ltr.  
CRIBBE, T.E., SMITH, D.M. Philadelphia Electric Co. 90/02/23. 4pp. 52846.050-52846.053.

9003220048 LER 89-024-01 on 891006, local power range monitor spike caused reactor scram signal while in hot shutdown. Caused by design &/or mfg process as identified by GE Detector placed in bypass position & scram signal reset W/900312 ltr.  
CRIBBE, T.E., SMITH, D.M. Philadelphia Electric Co. 90/03/12. 7pp. 53100.029-53100.035.

9003220050 LER 89-029-01 on 891117, primary containment isolation sys actuation occurred during performance of refueling floor ventilation exhaust radiation monitor testing. Cause unknown. Selector switch & relay contacts cleaned W/900312 ltr.  
CRIBBE, T.E., SMITH, D.M. Philadelphia Electric Co. 90/03/12. 4pp. 53100.036-53100.039.

#### DOCKET 50-278 PEACH BOTTOM ATOMIC POWER STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9003130719 Forwards public versions of repts to EPIPs, including Rev 5 to ERP-101, App 1 to Rev 13 to ERP-110, App 2 to Rev 10 to ERP-110, App 1 to Rev 7 to ERP-140, App 2 to Rev 10 to ERP-140, App 3 to Rev 11 to ERP-140.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 3pp. 52999.250-52999.337.

-9003130723 Public version of EPIPs, including Rev 5 to ERP-110, App 1 to Rev 13 to ERP-110, App 2 to Rev 10 to ERP-110, App 1 to Rev 7 to ERP-140, App 3 to Rev 11 to ERP-140, Rev 5 to ERP-250 & Rev 2 to ERP-317.  
\* Philadelphia Electric Co. 90/02/15. 86pp. 52999.253-52999.337.

9002280270 Forwards final SALP Repts 50-277/88-99 & 50-278/88-99 for Aug 1988 - June 1989. NRC ack license efforts &/or plans to improve weaknesses noted in assessment training facilities & emergency preparedness corporate support.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/16. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 52778.027-52778.076.

-9003010008 Final SALP Repts 50-277/88-99 & 50-278/88-99 for Aug 1988 - June 1989.  
\* Region 1, Ofc of the Director. 90/02/16. 43pp. 52778.030-52778.075.

9003020249 Forwards repts to physical security plan Encls withheld (ref 10CFR73.21 & 2.793).  
SMITH, D.M. Philadelphia Electric Co. 90/02/23. Document Control Branch (Document Control Desk). 1p. 52788.265-52788.265.

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed. Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52990.252-52990.284.

-9003130577 Requests NRC consideration of end constituent, JM McHugh 891227 ltr to Rev 13 to ERP-110, App 2 to Rev 10 to ERP-110, App 1 to Rev 7 to ERP-140, App 2 to Rev 10 to ERP-140, App 3 to Rev 11 to ERP-140, Rev 5 to ERP-250 & Rev 2 to ERP-317.  
D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs. 7pp. 52991.121-52991.172.

9003260492 Forwards Safety Insp Repts 50-277/89-26 & 50-278/89-26 on 891120-1231 & notice of violations.  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/03/13. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 53157.001-53157.063.

-9003260501 Insp Repts 50-277/89-26 & 50-278/89-26 on 891120-1231. Violations noted. Major areas inspected operation safety, radiation protection, physical security, control room activities & license events.  
DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/03/14. 58pp. 53157.006-53157.063.

#### H. General correspondence

9003120186 Informs of address change for correspondence control desk to reflect move of nuclear group to Chesterbrook.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52974.183-52974.194.

#### J. Insurance & indemnity information

9003200456 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900116 request.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/12. Document Control Branch (Document Control Desk). 18pp. 53075.091-53075.108.

#### P. Operating license stage documents & correspondence

8906220179 Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear power plants licensed by NRC. Unit 2 successfully restarted & operational performance to date satisfactory. Units still require close monitoring.  
STELLO, V. Ofc of the Executive Director for Operations. 89/05/26. PAQUETTE, J.F. Philadelphia Electric Co. 3pp. 52988.113-52988.115.

9003080451 Appeals denial of FOIA request for records. Requestor believes withheld documents should be produced & that Exemptions 5 & 7 not applicable.  
HILL, T.C. Shaw, Pitman, Potts & Trowbridge. 90/01/31. CHILK, S.J. Office of the Secretary of the Commission. 6pp. 52638.267-52638.282.

9002260006 Discusses NRC 900122-23 senior managers meeting re performance of plants licensed to operate by NRC. Unit has demonstrated sustained improvement sufficient to warrant removal from category requiring increased NRC attention.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/12. PAQUETTE, J. Philadelphia Electric Co. 3pp. 52711.102-52711.104.

9002270086 Suppls 891130 response to Generic Ltr 89-21 re status of implementation of USI at facilities. USI A-10 re CRD return line nozzle completed in Jul 1985 for Unit 2 & by ltr date for Unit 3.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/13. Document Control Branch (Document Control Desk). 5pp. 52756.128-52756.132.

9002270222 Forwards progress rept re implementation of control room enhancements as of end of seventh refueling outage, per NUREG-0737. Rept delayed to allow for independent verification of control room enhancement status.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/15. Document Control Branch (Document Control Desk). 17pp. 52745.314-52745.330.

9002280148 Certifies that 891122 Tech Spec Change Request (TSCR) 89-15, 891228 TSCR 88-18 & 900214 TSCR 90-04 mailed to Commonwealth of PA, Dept of Environ Resources.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 1p. 52776 078-52776 078.

9003050243 Provides revised schedule for installation of hardened wetwell vent, per Generic Ltr 89-16 & explanation why Jan 1993 completion date cannot be met due to unavailability of materials. Installation scheduled for Cycle 9 outage.  
HELWIG, D.R. Philadelphia Electric Co. 90/02/21. Document Control Branch (Document Control Desk). 3pp. 52837 244-52837 246.

9003080170 Application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Request 89-12 re commitment to ANSI/ANS-3.1-1981, "Selection, Qualification & Training of Personnel for Nuclear Power Plants."  
HUNGER, G.A. Philadelphia Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 18pp. 52898 236-52898 254.

9003080176 Proposed Tech Specs re facility staff qualifications, training, review & audit & function & composition of plant operations review committee.  
Philadelphia Electric Co. 90/02/26. 1p. 52898 254-52898 254.

9003090113 Forwards application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Requests 88-13 & 89-14, revising nuclear review board membership & meeting frequency & adding independent safety engineering group requirements.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52964 093-52964 115.

9003090116 Application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Requests 88-13 & 89-14, revising nuclear review board membership & meeting frequency & adding independent safety engineering group requirements.  
Philadelphia Electric Co. 90/02/26. 14pp. 52964 095-52964 108.

9003090119 Proposed Tech Specs revising independent safety engineering group requirements & nuclear review board function.  
Philadelphia Electric Co. 90/02/26. 7pp. 52964 109-52964 115.

9003150463 Forwards General Physics Corp GP-R-312027, "Reactor Containment Bldg Integrated Leakage Rate Test Rept."  
SMITH, D.M. Philadelphia Electric Co. 90/03/06. Document Control Branch (Document Control Desk). 1p. 53027 207-53027 291.

9003150465 "Reactor Containment Bldg Integrated Leakage Rate Test Rept."  
General Physics Corp. GP-R-312027. 89/11/20. 84pp. 53027 208-53027 291.

9003150344 Application for amends to Licenses DPR-44 & DPR-56, consisting of Tech Spec Change Request 89-21, removing cycle-specific parameter limits from Tech Specs per guidance in Generic Ltr 88-16.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 20pp. 53022 109-53022 258.

9003150348 Proposed Tech Specs re core operating limits rept, instrumentation that initiates control rod blocks & engineered safeguards compartments cooling & ventilation.  
Philadelphia Electric Co. 90/03/08. 50pp. 53022 209-53022 258.

9003150426 Provides actions taken to ensure & verify sys design basis performance per 900205 SSFI at facility.  
SMITH, D.M. Philadelphia Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 2pp. 53022 042-53022 043.

9003200456 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900116 request.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/12. Document Control Branch (Document Control Desk). 18pp. 53075 091-53075 108.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53185 014-53185 069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002230342 Forwards Insp Repts 50-277/90-02 & 50-278/90-02 on 900108-12. No violations noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/02/07. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52718 186-52718 206.

9002230346 Insp Repts 50-277/90-02 & 50-278/90-02 on 900108-12. No violations noted. Major areas inspected: licensee implementation of Reg Guide 1.97, Rev 3 re post-accident monitoring instrumentation.  
CHEUNG, L., GRECA, A.D., ANDERSON, C.J. Region 1, Ofc of the Director. 90/01/31. 9pp. 52718 188-52718 208.

9002270295 Forwards Safety Insp Repts 50-277/89-29 & 50-278/89-29 on 891212-22. No violations noted. Corrective actions for 13 of 14 items reviewed acceptable.  
DURR, J.P. Region 1, Ofc of the Director. 90/02/08. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52758 292-52758 303.

9002270299 Insp Repts 50-277/89-29 & 50-278/89-29 on 891212-22. No violations noted. Major areas inspected: status of previously identified open items & adequacy of licensee actions to resolve items.  
DELLA GRECA, A., ANDERSON, C.J. Region 1, Ofc of the Director. 90/02/02. 10pp. 52758 294-52758 303.

9002260270 Forwards final SALP Repts 50-277/88-99 & 50-278/88-99 for Aug 1988 - June 1989. NRC ack licensee efforts & for plans to improve weaknesses noted in assessment re training facilities & emergency preparedness corporate support.  
RUSSEL, W.T. Region 1, Ofc of the Director. 90/02/16. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 52778 027-52778 075.

9003010008 Final SALP Repts 50-277/88-99 & 50-278/88-99 for Aug 1988 - June 1989.  
Region 1, Ofc of the Director. 90/02/18. 43pp. 52778 030-52778 075.

9002270398 Forwards Insp Repts 50-277/89-82 & 50-278/89-82 on 891212-22. Mgt oversight & involvement noted in restart activities. Co required re ongoing effort to reduce number of equipment problems.  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/02/21. 1p. 52755 315-52755 340.

9002270401 Insp Repts 50-277/89-82 & 50-278/89-82 on 891212-22. Noted re plant operations review committee chairman committee approval of meeting items. Major areas inspected: readiness for emergency.  
DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/02/21. 5pp. 52755 340.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Test Results." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp. 52776 267.

9003090324 Partial response to FOIA request for documents enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Privacy. 89/02/05. 90/02/26. WEBER, M.A. New York Newsday. 18pp.

9003130577 Requests NRC consideration of encl constitute to A. D'Amato forwarding St Lawrence Environ Mgt Council press release citing operators at eight plants for emergency response.  
D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Co. 52991 121-52991 172.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp. 52776 163.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 98pp. 52844 001.

9002270399 NRC Info Notice 90-013, "Importance of Review Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp. 52844 100.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Fuel." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp.

9003190140 Forwards "870331-891111 Inservico Insp Program Bottom Atomic Power Station Unit 3 1987-1989 Extended Fuel Cycle Identification."  
SMITH, D.M. Philadelphia Electric Co. 90/03/06. Document Control Desk. 2pp. 53050 040-53050 247.

9003190145 "870331-891111 Inservico Insp Program Final Atomic Station Unit 3 1987-1989 Extended Fuel Cycle Identification."  
FISHER, K.F., COTTON, J.S. Philadelphia Electric Co. 90/03/06. 53050 247.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification for Control Directors Before Beginning Work in Agreement."  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp.

9003010227 NRC Info Notice 90-016, "Compliance W/ New York State Regulations." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management. 870413. 90/03/07. Consolidated Edison Co. of New York, Inc. 52988 018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 100pp. 52844 15.

9003020211 NRC Info Notice 90-017, "Weight & Cir of Gravitational Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 104pp. 52963 01.

9003050043 NRC Info Notice 90-018, "Potential Problems with Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 100pp. 52963 21.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmission." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 109pp. 52963 30.

9003200456 Responds to Generic Ltr 90-01, "Request for NRC Regulatory Impact Survey," per 900116 request.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/12. Document Control Desk. 18pp. 53075 091-53075 108.

9003260492 Forwards Safety Insp Repts 50-277/89-26 & 50-278/89-26 & 1231 & notice of violations.  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/03/13. 5pp. 53157 001-53157 063.

9003260495 Notice of violation from Insp on 891120-1231 manipulations not conducted per Procedures GP-2 & GP-3.  
Region 1, Ofc of the Director. 90/03/13. 2pp. 53157 004.

--9003260501 Insp Repts 50-277/89-26 & 50-278/89-26 on 891120-1231. Violations noted. Major areas inspected operation safety, radiation protection, physical security, control room activities & licensee events.  
DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/03/14. 58pp 53157-006. 53157-063.

90033080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp 52997, 190-52997-287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channal Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp 53035, 129-53035-226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp 53166, 057-53166-147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp 53132, 001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp 53165, 097-53165-108.

## R. Periodic operating reports & related correspondence

9003200399 "Recorded Annual Whole Body Exposure for Period Jan-Dec 1989." W/ 900309 ltr.  
SMITH, D.B. Philadelphia Electric Co. 89/12/31. 4pp 53104, 305-53104-309.

9003220289 "Semiannual Effluent Release Rept 28, Jul-Dec 1989." W/900228 ltr.  
WATSON, H.L., SMITH, D.M. Philadelphia Electric Co. 89/12/31. 17pp 53145, 182-53145-198.

9002270106 Monthly operating repts for Jan 1990 for Peach Bottom Atomic Power Station W/undated ltr.  
BARON, M.J., SMITH, D.M. Philadelphia Electric Co. 90/01/31. 14pp 52749, 274-52749-287.

9002260033 Rev to "1989 Annual Rept on Safety Relief Challenges at Plants." SMITH, D.M. Philadelphia Electric Co. 90/02/07. Document Control Branch (Document Control Desk). 1p. 52711, 141-52711-141.

## S. Reportable occurrences, LERs & related correspondence

9003080281 LER 90-001-00 on 900108, HPCI sys declared inoperable during surveillance testing when start time exceeded 25 s. Caused by inadequate cal br procedure which allowed setting of 18 s. Ramp generator & signal converter replaced W/900207 ltr.  
CRIBBE, T.E., SMITH, D.M. Philadelphia Electric Co. 90/02/07. 4pp 52895, 351-52895-364.

9002270460 RO on 900103, common plant standby gas treatment sys Train A fire protection deluge sys declared inoperable for more than 14 days. Caused by replacement of filter w/ threaded pipe plug fire watch patrol established & nozzle replaced.  
SMITH, D.M. Philadelphia Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 2pp. 52745, 351-52745-352.

9003080132 LER 90-002-00 on 900128, reactor manually scrammed due to leak of electrohydraulic control sys fluid. Caused by lock out on interlock dump valve setting adjustment bolt becoming unsecured due to sys vibration. Leak stopped W/900223 ltr.  
CRIBBE, T.E., SMITH, D.M. Philadelphia Electric Co. 90/02/23. 4pp 52895, 347-52895-350.

9003140264 Forwards trip rept of onsite investigation & analysis of operator sys interactions during 900128 event re leak of hydraulic fluid from main turbine electrohydraulic control sys.  
ROSENTHAL, J.E. Reactor Operations Analysis Branch. 90/03/02. NOVAK, T.M. Division of Safety Programs (Post 870413). 3pp 53018, 121-53018-152.

--9003140266 Trip rept of 900228 visit to plant re onsite investigation & analysis of operator sys interactions during event re loss of electrohydraulic control & resultant rapid shutdown on 900128.  
BROWN, E.J., CHIRAMAL, M., LANIK, G.F. Office for Analysis & Evaluation of Operational Data, Director. 90/02/28. Office for Analysis & Evaluation of Operational Data, Director. 28pp. 53018, 124-53018-152.

## DOCKET 50-280 SURRY POWER STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

9003050057 Forwards Insp Repts 50-280/90-02 & 50-281/90-02 on 900108-12. No violations or deviations noted.  
STOHR, J.P. Region 2, Ofc of the Director. 90/02/09. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52823, 076-52823-083.

--9003050062 Insp Repts 50-280/90-02 & 50-281/90-02 on 900108-12. No violations or deviations noted. Major areas inspected: emergency preparedness program, selected records & audit repts & open items for closure.  
SARTOR, W., RANKIN, W. Region 2, Ofc of the Director. 90/01/30. 5pp. 52823, 079-52823-083.

### P. Operating license stage documents & correspondence

9003090077 Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear plants licensed by NRC. Actions to address longer-term items such as hardware & design need addl mgt attention.  
STELLO, V. Ofc of the Executive Director for Operations. 89/05/26. RHODES, J.T. Virginia Power (Virginia Electric & Power Co.) 3pp. 52948, 348-52948-351.

9002260319 Confirms 900201 telcon re mgt meeting scheduled for 900319 in Atlanta, GA to discuss self-assessment performed on plant.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/02/08. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52753, 267-52753-269.

9002230511 Summarizes 900122 & 23 senior mgt meetings re performance of nuclear power plants licensed to operate by NRC. Plant categorized as requiring close monitoring & meeting to review latest meeting of NRC managers scheduled for 900215.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/12. RHODES, J.T. Virginia Power (Virginia Electric & Power Co.) 4pp. 52715, 048-52715-051.

9002270035 Forwards draft NUREG/CR-4551, Vol 3, Parts 1 & 2 & Vol 7 for placement in PDR per 900208 telcon.  
NIYOGI, P.K. Division of Systems Research (Post 880717). FIN A-1228. 90/02/13. MCKNIGHT, J.C. NRC - No Data'd Affiliation Given. 500pp. 52749, 340-52752-299.

9003080182 Forwards safety evaluation concluding that DCDR requirements delineated in Suppl 1 to NUREG-0737, not based on results of NRC 841106-09 on-site audit & Apr 1985 meeting.  
ENGLE, L.B. Project Directorate II-2. 90/02/28. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52893, 272-52893-277.

--9003080198 Safety evaluation concluding that DCDR program implemented at facilities satisfies all DCDR requirements in Suppl 1 to NUREG-0737.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/28. 3pp. 52893, 275-52893-277.

9003090245 Responds to Generic Ltr 90-01 re NRC Regulatory Impact Survey. Survey covers type of insp, audit or evaluation by NRC resident, NRC regional or NRC teams & INPO.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/01. Document Control Branch (Document Control Desk). 6pp. 52986, 301-52986-306.

9003210024 Forwards summary of 900221 mgt meeting in Region II etc re util commitment mgt sys list of attendees & handout also encl.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/03/02. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 20pp. 53399, 077-53399-096.

9003150269 Application for amendments to Licenses DPR-32 & DPR-37, incorporating analysis to demonstrate that low pressurizer pressure safety injection not required for small breaks.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/08. Document Control Branch (Document Control Desk). 42pp. 53046, 047-53046-032.

--9003150270 Proposed Tech Specs re max power level repts & records & steam generator repair program.  
\* Virginia Power (Virginia Electric & Power Co.) 90/03/06. 4pp. 53046, 089-53046-092.

9003160012 Application for amendments to Licenses DPR-32 & DPR-37, eliminating monthly flush requirements for sensitized stainless steel piping installed in primary & safety sys.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/08. Document Control Branch (Document Control Desk). 3pp. 53060, 081-53060-095.

--9003160018 Proposed Tech Specs eliminating monthly flush requirements for sensitized stainless steel piping installed in primary & safety sys.  
\* Florida Power Corp. (subs. of Florida Progress Corp.). 90/03/08. 12pp. 53060, 084-53060-095.

9003260045 Notification of 900328 meeting w/atl in Surry County, VA to discuss control room hab. facility.  
BUCKLEY, R.C. Project Directorate II-2. 90/03/19. BERKOW, H.N. Project Directorate II-2. 2pp. 53147, 232-53147-233.

9003260254 Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47." Operability & surveillance requirements for steam generator overfill protection sys will be incorporated in Tech Spec change.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/19. Document Control Branch (Document Control Desk). 3pp. 53147, 234-53147-238.

9003140089 Generic Ltr 90-03 in all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195, 014-53195-069.

9003270385 Clarifies 900108 request for exemption from 10CFR50, App J re Type C testing requirements.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/20. Document Control Branch (Document Control Desk). 3pp. 53181, 258-53181-261.

### Q. Inspection reports, IE Bulletins & correspondence

9002220547 Responds to NRC 891222 ltr re violations noted in Insp Repts 50-280/89-34 & 50-281/89-34 on 891029-1125. Corrective actions steps in Operating Procedure 2-OP-1.3 associated w/ valve test being evaluated for inclusion in OP-7.1.1.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/06. Document Control Branch (Document Control Desk). 13pp. 52703, 197-52703-209.

9003050057 Forwards Insp Repts 50-280/90-02 & 50-281/90-02 on 900108-12. No violations or deviations noted.  
STOHR, J.P. Region 2, Ofc of the Director. 90/02/09. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52823, 076-52823-083.



9003050062 Insp Repts 50-280/90-02 & 50-281/90-02 on 900108-12 No violations or deviations noted Major areas inspected emergency preparedness program, selected records & audit repts & open items for closure  
SARTOR, W. RANKIN, W. Region 2, Ofc of the Director. 90/01/30 5pp 52823 079-52823 083

9003010104 Con'ts dates of 900226-0302, 0312-16 & 26-30 for ment team Insp at plant Mat's needed for Insp listed.  
GIBSON, A.F. Region 2, Ofc of the Director. 90/02/12 STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 6pp 52815 327-52815 332.

9003060100 Responds to NRC 900123 ltr re violations noted in Insp Repts 50-280/89-32 & 50-281/89-32 Corrective actions use of lab hood attached to F-2 fan suction prohibited & contaminated & radioactive items removed from hood  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/22 Document Control Branch (Document Control Desk). 6pp 53046:157-53046:162.

9003090294 Ack receipt of 900208 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-280/89-34 & 50-281/89-34.  
REYES, L.A. Region 2, Ofc of the Director. 90/02/22 STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 2pp 52954:360-52954:361.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 9pp 52776:262-52776:360.

9002230283 NRC Info Notice 90-011, "Main Caloricity Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp 52776:163-52776:261.

9002230378 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp 52844:001-52844:099.

9003090245 Responds to Generic Ltr 90-01 re NRC Regulatory Impact Survey Survey covers type of inspection or evaluation by NRC resident, NRC regional, NRC teams & INFO.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/01. Document Control Branch (Document Control Desk). 6pp 52866:301-52866:306.

9003120200 Submits 1989 annual steam generator inservice Insp rept results. No steam generator tubes plugged in 1989.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/01. Document Control Branch (Document Control Desk). 1p 52999:213-52999:213.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 9pp 52844:100-52844:198.

9003200256 Forwards Insp Repts 50-280/90-01 & 50-281/90-01 on 900101-0203 Violations noted  
REYES, L.A. Region 2, Ofc of the Director. 90/03/05 STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 3pp 53075:068-53075:089.

9003200281 Insp Repts 50-280/90-01 & 50-281/90-01 on 900101-0203 Violations noted Major areas inspected routine resident Insp of plant operations, maintenance, surveillance, action on previous Insp findings & installation & testing of mods.  
HOLLAND, W.E. YORK, J.W., NICHOLSON, L.E. Region 2, Ofc of the Director. 90/03/02 21pp 53075:089-53075:089.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/08. Consolidated Edison Co. of New York, Inc. 8pp 52997:001-52997:084.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07. Consolidated Edison Co. of New York, Inc. 8pp 52997:095-52997:189.

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp 52997:288-52997:018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp 52844:199-52844:298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp 52963:086-52963:189.

9003160367 Forwards suppl to 1986 inservice Insp summary rept, adding two missing NIS-2 forms containing info re replacement of bolting mat on 1-RC-SV-1651C (flange A) & 1-RC-HCV-1558A.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/08. Document Control Branch (Document Control Desk). 1p 53037:063-53037:066.

9003180391 Suppl to Inservice Insp rept, consisting of NIS-2 forms for stud & nut replacement.  
Virginia Power (Virginia Electric & Power Co.) 90/03/08. 3pp 53037:064-53037:066.

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp 52963:200-52963:299.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp 52963:300-52963:048.

9003220159 Ack receipt of 900222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-280/89-32 & 50-281/89-32 Response meets 10CFR22.201.  
STOHR, J.P. Region 2, Ofc of the Director. 90/03/09 STEWART, W.L. (Virginia Electric & Power Co.) 2pp 53126:135-53126:136.

9003210211 Forwards Insp Repts 50-280/90-06 & 50-281/90-06 on 900108-12 No violations or deviations noted  
GIBSON, A.F. Region 2, Ofc of the Director. 90/03/13 STEWART, W.L. (Virginia Electric & Power Co.) 4pp 53104:262-53104:270.

9003210213 Insp Repts 50-280/90-06 & 50-281/90-06 on 900212-18 deviations noted Major areas inspected review of licensee corrective actions identified inspector followup items & unresolved items  
ECONOMOS, N. Region 2, Ofc of the Director. 90/03/13 5pp 53104:271-53104:276.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vent Rectification Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08. Consolidated Edison Co. of New York, Inc. 8pp 52997:190-52997:280.

9003210336 Discusses functional test for high setpoint for PORVs  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/08. Document Control Branch (Document Control Desk). 2pp 53104:226-53104:227.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08. Consolidated Edison Co. of New York, Inc. 8pp 53035:129-53035:220.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp 53168:005-53168:055.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08. Consolidated Edison Co. of New York, Inc. 100pp 53132:001-53132:100.

9003160349 NRC Info Notice 90-022, "Unanticipated Equipment Activation of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08. Consolidated Edison Co. of New York, Inc. 102pp 53165:007-53165:109.

## R. Periodic operating reports & related correspondence

9002270352 Monthly operating reports for Jan 1990 for Surry Power Station  
2 W/900224 ltr.  
WARREN, L.A., STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 31. 23pp 52745:181-52745:203.

9003200190 Monthly operating reports for Feb 1990 for Surry Power Station  
2 W/900316 ltr.  
WARREN, L.A., STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 28. 26pp 53078:092-53078:117.

9003080395 Forwards "Semiannual Radioactive Effluent Release Report" for Fourth Quarter 1989 Sr-89, Sr-90 & Fe-55 analytical results. 10 sample results will be submitted in addendum to rept.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/08. Document Control Branch (Document Control Desk). 2pp 52958:132-52958:153.

9003130164 "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1989." Virginia Power (Virginia Electric & Power Co.) 09/12/31. 2. 52858:153.

## S. Reportable occurrences, LERs & related correspondence

9003150269 Application for amendments to Licenses DPR-32 & DPR-37, in order to demonstrate that low pressure pressure safety injection not break.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/08. Document Control Branch (Document Control Desk). 42pp 53046:047-53046:089.

## DOCKET 50-281 SURRY POWER STATION, UNIT 2

## F. Security, medical, emergency & fire protection plans

9003050057 Forwards Insp Repts 50-280/90-02 & 50-281/90-02 on 900108-12 No violations or deviations noted  
STOHR, J.P. Region 2, Ofc of the Director. 90/02/09 STEWART, W.L. (Virginia Electric & Power Co.) 3pp 52823:076-52823:083.

9003050062 Insp Repts 50-280/90-02 & 50-281/90-02 on 900108-12 deviations noted Major areas inspected emergency preparedness records & audit repts & open items for closure.  
SARTOR, W. Region 2, Ofc of the Director. 90/01/30 5pp 52823:079-52823:083.

## P. Operating license stage documents & correspondence

9003090077 Discusses 890517-18 meetings of NRC senior managers re operating nuclear plants licensed by NRC. Actions to address longer term hardware & design need add'l mgt attention.  
STELLO, V. Ofc of the Executive Director for Operations. 89/05/26. Virginia Power (Virginia Electric & Power Co.) 3pp 52946:349-52946:353.

**9002260319** Confirms 900201 telcon re mgt meeting scheduled for 900318 in Atlanta, GA to discuss self-assessment performed on plant.  
EBNETER, S.D. Region 2, Ofc of the Director 90/02/06. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52753 267-52753 269.

**9002230511** Summarizes 900122 & 23 senior mgt meetings re performance of nuclear power plants licensed to operate by NRC. Plant categorized as requiring close monitoring & meeting to review latest meeting of NRC managers scheduled for 900325.  
TAYLOR, J.M. Ofc of the Executive Director for Operations 90/02/12. RHODES, J.T. Virginia Power (Virginia Electric & Power Co.) 4pp. 52715 048-52715 051.

**9003080182** Forwards safety evaluation concluding that OCRDR requirements do not exceed in Suppl 1 to NUREG 0737, mol based on results of NRC 841106 03 ons to aud 1 & Apr 1985 meeting.  
ENGLE, L.B. Project Directorate II-2 90/02/28. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52693 272-52693 277.

**-9003080198** Safety evaluation concluding that OCRDR program implemented at facilities satisfies all OCRDR requirements in Suppl 1 to NUREG 0737.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/28 3pp. 52693 275-52693 277.

**9003090245** Responds to Generic Ltr 90-01 re NRC Regulatory Impact Survey. Survey covers type of Insp, audit or evaluation by NRC resident, NRC regional ofc, NRC teams & INPO.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/01. Document Control Branch (Document Control Desk). 6pp. 52966 301-52966 306.

**9003210024** Forwards summary of 900221 mgt meeting in Region II ofc re uli commitment mgt sys List of attendees & handout also encl.  
EBNETER, S.D. Region 2, Ofc of the Director 90/03/02. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 20pp. 53039 077-53039 096.

**9003150289** Application for amendments to Licenses DPR-32 & DPH-37, incorporating analysis to demonstrate that low pressurizer pressure safety injection not required for small breaks.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/08. Document Control Branch (Document Control Desk). 42pp. 53046 047-53046 092.

**-9003150270** Proposed Tech Specs re max power level, repts & records & steam generator repair program.  
\* Virginia Power (Virginia Electric & Power Co.) 90/03/06 4pp. 53046 088-53046 092.

**9003160012** Application for amendments to Licenses DPR-32 & DPH-37, eliminating monthly flush requirements for sensitized stainless steel piping installed in primary & safety sys.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/08. Document Control Branch (Document Control Desk) 3pp. 53060 001-53060 095.

**-9003160018** Proposed Tech Specs eliminating monthly flush requirements for sensitized stainless steel piping installed in primary & safety sys.  
\* Florida Power Corp (subs of Florida Progress Corp.) 90/03/08. 12pp. 53060 084-53060 095.

**9003260045** Notification of 900328 meeting w/ul in Surry County, VA to discuss control room habitability.  
BUCKLEY, B.C. Project Directorate II-2 90/03/19. BERKOW, H.N. Project Directorate II-2 2pp. 53147 232-53147 233.

**9003260254** Responds to Generic Ltr 89-18, "Request for Action re Resolution of USI A-47." Operability & surveillance requirements for steam generator overfill protection sys will be incorporated in Tech Spec change.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/19. Document Control Branch (Document Control Desk). 3pp. 53147 234-53147 236.

**9003140088** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53185 014-53185 089.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002220547** Responds to NRC 891222 ltr re violations noted in Insp Repts 50-280/89-34 & 50-281/89-34 on 891029-1125. Corrective actions steps in Operating Procedure 2-OP-1.3 associated w/ valve test being evaluated for inclusion in OP-7.1.1.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/08. Document Control Branch (Document Control Desk). 13pp. 52703 197-52703 209.

**9003050057** Forwards Insp Repts 50-280/90-02 & 50-281/90-02 on 900108-12. No violations or deviations noted.  
STOHR, J.P. Region 2, Ofc of the Director 90/02/08. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52823 078-52823 083.

**-9003050082** Insp Repts 50-280/90-02 & 50-281/90-02 on 900108-12. No violations or deviations noted. Major areas inspected: emergency preparedness program, selected records & audit repts & open items for closure.  
SARTOR, W., RANKIN, W. Region 2, Ofc of the Director 90/01/30. 5pp. 52823 079-52823 083.

**9003010104** Confirms dates of 900226-0302, 0312-16 & 26-30 for maint team Insp at plant. Mails needed for Insp listed.  
GIBSON, A.F. Region 2, Ofc of the Director 90/02/12. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 6pp. 52816 327-52816 332.

**9003060100** Responds to NRC 800123 ltr re violations noted in Insp Repts 50-280/89-32 & 50-281/89-32. Corrective actions use of lab hood attached to F-2 fan suction prohibited & contaminated & radioactive items removed from hood.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/22. Document Control Branch (Document Control Desk). 6pp. 53046 157-53046 162.

**9003080294** Ack receipt of 900206 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-280/89-34 & 50-281/89-34.  
REYES, L.A. Region 2, Ofc of the Director 90/02/22. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 2pp. 52954 360-52954 361.

**9002180093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776 262-52776 360.

**9002230263** NRC Info Notice 90-011, "Maint Deficiency Associated w/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52776 183-52776 281.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28. Consolidated Edison Co. of New York, Inc. 88pp. 52844 001-52844 099.

**9003090245** Responds to Generic Ltr 90-01 re NRC Regulatory Impact Survey. Survey covers type of Insp, audit or evaluation by NRC resident, NRC regional ofc, NRC teams & INPO.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/01. Document Control Branch (Document Control Desk). 6pp. 52966 301-52966 306.

**9003120200** Submits 1989 annual steam generator in-service Insp rept results. No steam generator tubes plugged in 1989.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/01. Document Control Branch (Document Control Desk). 1p. 52939 213-52939 213.

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844 100-52844 180.

**9003200256** Forwards Insp Repts 50-280/90-01 & 50-281/90-01 on 900101-0203. Violations noted.  
REYES, L.A. Region 2, Ofc of the Director 90/03/05. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 53075 066-53075 089.

**-9003200281** Insp Repts 50-280/90-01 & 50-281/90-01 on 900101-0203. Violations noted. Major areas inspected: routine resident Insp of plant operations maint, surveillance protocol review, action on previous Insp findings & installation & testing of mods.  
HOLLAND, W.E., YORK, J.W., NICHOLSON, L.E. Region 2, Ofc of the Director 90/03/02 21pp. 53075 069-53075 089.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Melts." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997 031-52997 094.

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52997 095-52997 189.

**9003010227** NRC Info Notice 90-016, "Compliance w/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997 286-52997 018.

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844 189-52844 289.

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963 088-52963 189.

**9003050043** NRC Info Notice 90-018, "Potential Problems w/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Recover Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08. Consolidated Edison Co. of New York, Inc. 100pp. 52963 200-52963 209.

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52983 300-52983 048.

**9003020158** Ack receipt of 900222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-280/89-32 & 50-281/89-32. Response meets requirements of 10CFR220.1.  
STOHR, J.P. Region 2, Ofc of the Director 90/03/09. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 2pp. 53126 135-53126 136.

**9003210211** Forwards Insp Repts 50-280/90-06 & 50-281/90-08 on 900212-16. No violations or deviations noted.  
GIBSON, A.F. Region 2, Ofc of the Director 90/03/13. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 4pp. 53104 262-53104 270.

**-9003210213** Insp Repts 50-280/90-06 & 50-281/90-08 on 900212-16. No violations or deviations noted. Major areas inspected: review of licensee corrective actions on previously identified inspection followup items & unresolved items.  
ECONOMOS, N. Region 2, Ofc of the Director 90/03/13. 5pp. 53104 266-53104 270.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vcl for Containment Recirculation Spray at FWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14. Consolidated Edison Co. of New York, Inc. 89pp. 52987 190-52987 287.

**9003210338** Discusses functional test for high setpoint for PORVs.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/14. Document Control Branch (Document Control Desk). 2pp. 53104 226-53104 227.

**9003010281** Provides steam generator tube plugging & sleeving info, per Tech Spec 4.12 E. Following recent inservice insp. 15 tubes plugged for first time & 37 tubes w/ new indications sleeved.  
PARKER, T.M. Northern States Power Co. 80/02/22. Document Control Branch (Document Control Desk) 3pp. 52781-048-52781-050.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776-262-52776-260.

**9002230283** NRC Info Notice 90-011, "Main Delicency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/26. Consolidated Edison Co. of New York, Inc. 98pp. 52776-163-52776-261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844-099.

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 98pp. 52844-100-52844-198.

**9003090231** Forwards Suppl 2 to NRC Info Notice 80-059, clarifying that Phoenix Mfg Co may not have been supplier of nonsafety-related fastener previously reported as not meeting carbon content for applicable matl spec.  
BERLINGER, C.H. Generic Communications Branch. 90/03/05. LARSON, C.E. Northern States Power Co. 1p. 52968-307-52968-310.

**9003090388** Forwards Suppl 2 to NRC Info Notice 80-059, "Suppliers of Potentially Misrepresented Fasteners." Suppl clarifies that Phoenix Mfg Co may not have been supplier of nonsafety-related fastener.  
BERLINGER, C.H. Generic Communications Branch. 90/03/05. FREDERICKSON, W. Phoenix Manufacturing Co. 1p. 52926-118-52926-121.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mat's." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-004.

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52997-095-52997-189.

**9003010227** NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52907-280-52907-018.

**9003010293** Suppl 2 to NRC Info Notice 80-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-298.

**9003150278** Informs that 800331 & 1108 responses to NRC Bulletin 80-010 & Suppl 1, "Nonconforming Molded Case Circuit Breakers," considered acceptable.  
DILANNI, D.C. Project Directorate III-1. 90/03/07. PARKER, T.M. Northern States Power Co. 3pp. 53025-249-53025-251.

**9003020211** NRC Info Notice 90-017, "Weight & Cir of Gravity Discrepancies for Copressurized Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-098-52963-198.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-299.

**9003050148** NRC Bulletin 90-001, "Loss of Friction in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52963-048.

**9003220067** Forwards Safety Insp Rept 50-282/90-03 on 800123-0222. No violations noted.  
COOPER, R.W. Region 3, Ofc of the Director. 90/03/12. LARSON, C.E. Northern States Power Co. 2pp. 53105-224-53105-231.

**9003220070** Insp Rept 50-282/90-03 on 800123-26 & 0222. No violations or deviations noted. Major areas inspected inservice insp effort including program review, procedure & data review & observation of work activities.  
JACOBSON, J.M., DANIELSON, D.H. Region 3, Ofc of the Director. 90/02/07. 6pp. 53105-226-53105-231.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-267.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035-129-53035-226.

**9003180224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

**9003180306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

## A. Periodic operating reports & related correspondence

**9003060305** "Annual Rept of Occupational Radiation Exposure and Safety Relief Valve Failures and Challenges." W/900226 lr.  
PARKER, T.M. Northern States Power Co. 89/12/31. 5pp. 52838-186-52838-190.

**9003090221** Forwards Rev 0 to "Effluent Semiannual Rept, Jul-Dec 1989, Supplemental Info." amend to "Effluent & Waste Disposal Semiannual Rept for First Half of 1989" & Rev 11 to "ODCM." Analyses for Sr-89 & Sr-90 w.l be included in next repl.  
FEY, F.L. Northern States Power Co. 90/02/26. Document Control Branch (Document Control Desk) 1p. 52967-207-52968-004.

**9003090226** Rev 0 to "Effluent Semiannual Rept, Jul-Dec 1989, Supplemental Info." Northern States Power Co. 89/12/31. 19pp. 52967-208-52967-228.

**9003090227** Amend to "Effluent & Waste Disposal Semiannual Rept for First Half of 1989," incorporating previously omitted second quarter analyses results of Sr-89 & Sr-90.  
Northern States Power Co. 89/06/30. 11pp. 52967-227-52967-237.

**9003090230** Rev 11 to "ODCM." Northern States Power Co. 89/10/05. 127pp. 52967-238-52968-004.

**9003130607** Monthly operating repts for Feb 1990 for Prairie Island Units 1 & 2W/900306 lr.  
OUGSTAD, D., PARKER, T.M. Northern States Power Co. 90/02/28. 8pp. 52995-230-52995-238.

## S. Reportable occurrences, LERs & related correspondence

**9002260372** Special rept re plans for alternate fire suppression sys redundancy. Diesel driven fire pump 122 run daily, except when out of svc from 900126-29.  
PARKER, T.M. Northern States Power Co. 90/02/20. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52720-356-52720-357.

**9002260388** LER 90-002-00 on 900117, review of cool-down data showed that cool-down rate of pressurizer exceeded Tech Spec limit. Caused by procedure inadequacy. Procedures revised to require use of water space temp to find cool-down rate. W/900220 lr.  
HUNSTAD, A.A., PARKER, T.M. Northern States Power Co. 90/02/20. 4pp. 52722-041-52722-044.

**9003200100** Part 21 rept re several failures of Fairbanks Morse Engine Div piston pins/bushings on upper pistons. Caused by incorrect surface pattern on piston pins. Piston pins under listed purchase orders to be removed & replaced.  
REDER, J.F. Colt Industries, Inc. 90/03/07. Region 3, Ofc of the Director. 3pp. 53078-287-53078-289.

## DOCKET 50-284 IDAHO STATE UNIV. RESEARCH REACTOR

### F. Security, medical, emergency & fire protection plans

**9003200042** Forwards Rev 3 to physical security plan. W/o encl.  
CHARYUL, U.V. Idaho State Univ., Pocatello, ID. 90/03/07. MICHAELS, T. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 53104-360-53104-360.

### V. Operator Examinations

**9003190209** Requests that listed matls be furnished to NRC by 900401, to support licensing exams during wk of 900611.  
BEACH, A.B. Region 4, Ofc of the Director. 90/03/12. HUTCHINSON, J.M. Idaho State Univ., Pocatello, ID. 11pp. 53047-339-53047-349.

## DOCKET 50-285 FORT CALHOUN STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

**9003020209** Revised table of contents from radiological emergency response plan index. W/900221 lr.  
FRANCO, F.F., GATES, W.G. Omaha Public Power District. 90/01/29. 18pp. 52799-266-52799-268.

**9002230119** Rev 16 to radiological emergency response procedure, consisting of Section H, "Emergency Facilities & Equipment." W/900215 lr.  
GATES, W.G. Omaha Public Power District. 90/02/15. 30pp. 52719-160-52719-198.

**9002230137** Rev 17 to EPIP-OSC-1, "Emergency Classification." W/900215 lr.  
MENG, R., GATES, W.G. Omaha Public Power District. 90/02/15. 82pp. 52714-320-52715-043.

**9003020231** Forwards Insp Rept 50-285/89-50 on 891201-900115. Violation noted but not cited.  
WESTERMAN, T.F. Region 4, Ofc of the Director. 90/02/20. GATES, W.G. Omaha Public Power District. 3pp. 52816-265-52816-299.

**9003020240** Insp Rept 50-285/89-50 on 891201-900115. Violations noted but not cited. Major areas inspected: review of previously identified items, operational safety verification, plant tours, surveillance, security & fitness-for-duty program.  
WESTERMAN, T.F. Region 4, Ofc of the Director. 90/02/20. 32pp. 52816-268-52818-299.

9003080403 Forwards public & Central Files version of Rev 5 to EPIP-RR-55, "Emergency Recovery Organization (ERO) Project Scheduling/Coordinator" & Rev 4 to EPIP-RR-66, "ERO Communication Specialist." Central Files version withheld.  
GATES, W.G. Omaha Public Power District 90/02/28 Document Control Branch (Document Control Desk) 1p 52923:073-52923:094

-9003080408 Public version of revised EPIPs, consisting of Rev 5 to EPIP-RR-55, "Emergency Recovery Organization (ERO) Project Scheduling/Coordinator" & Rev 4 to EPIP-RR-66, "ERO Communication Specialist."  
FRANCO, F.F. Omaha Public Power District 90/02/28 21pp 52923:074-52923:094

9003120695 Notification of 900303 meeting w/utl in Rockville, MD to discuss areas of concern found during insps covering hydrogen purges/recombiners, raw water/fire protection sys & containment spray/shutdown cooling agenda encl  
BOURNIA, A. Project Directorate IV (891001-900602) 90/02/28 HSBODN, F.J. Project Directorate IV (891001-900602) 5pp 52958:205-52958:309

9003190152 Responds to NRC 900130 ltr re violations & deviations noted in Insp Rept 50-285/89-40. Corrective actions changes made to Procedure AOP-17 & procedure generation package incorporated in plant procedures as Standard Order G-74.  
GATES, W.G. Omaha Public Power District 90/03/07 Document Control Branch (Document Control Desk) 46pp 53349:243-53349:289

9003200215 Forwards FEMA 900112 ltr & evaluation of emergency exercise on 890912 & remedial drills on 890817 & 0906  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/08. GATES, W.G. Omaha Public Power District 2pp 53075:318-53076:074

9003230218 Forwards Rev 2 to site security plan Rev withheld (ref 10CFR73.21).  
GATES, W.G. Omaha Public Power District 90/03/14 Document Control Branch (Document Control Desk) 1p 53174:192-53174:192

9003270432 Advises that 900215 changes to emergency plan acceptable  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/16. GATES, W.G. Omaha Public Power District 2pp 53193:140-53193:141

#### H. General correspondence

9003220321 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against Thermal Shock Events." Recommends that use of credible surveillance data be allowed to establish consistent calculational method w/req guide  
GATES, W.G. Omaha Public Power District. 90/03/12 Dockeurg & Services Branch. 2pp. 53086:225-53086:226.

#### J. Insurance & Indemnity Information

9003090058 Lists insurance coverage earned by utl for facility, per 10CFR50.54(w)(1).  
GATES, W.G. Omaha Public Power District 90/02/27. Document Control Branch (Document Control Desk) 2pp. 52967:184-52967:185

9003080257 Forwards response to Generic Ltr 90-01, consisting of completed NRC Regulatory Impact Survey questionnaire sheet re NRC team insps, insps/audits, IMPO evaluations/visits, Insurers (NELIA), OSHA & DOT.  
GATES, W.G. Omaha Public Power District. 90/03/01. Document Control Branch (Document Control Desk) 8pp 52858:154-52858:163.

#### P. Operating license stage documents & correspondence

9003160144 Forwards legal opinion addressing validity of Trust Fund Agreement under State of NE law for decommissioning fund plan, per 900103 request  
MARCIL, J.W. Omaha Public Power District. 90/01/19. WOOD, R.S. NRC - No Detailed Affiliation Given 5pp 53041:117-53041:121.

9002160171 Identifies licensees requesting delays in submitting individual plant exam results  
TAYLOR, J.M. Ofc of the Executive Director for Operations. SECY-90-039. 90/02/07. 4pp. 53045:355-53045:358.

9002220461 Provides addl info re environ qualification of Gammametrics neutron flux detectors at facility & revises utl conformance to Reg Guide 1.87 submital. Leaking cable assemblies wll be repaired/replaced, as necessary.  
GATES, W.G. Omaha Public Power District. 90/02/09. Document Control Branch (Document Control Desk) 4pp 52706:128-52706:131.

9002260203 Summarizes discussions w/licensee during CRGR visit onsite on 890821-22  
JORDAN, E.L. Committee to Review Generic Requirements 90/02/14. ARLOTTO, G.A. Office of Nuclear Material Safety & Safeguards Director. MOORE, J.E. Office of the General Counsel (Post 860701). REYES, L.A. Region 2, Ofc of the Director. 4pp. 52785:195-52785:198

9002260480 Forwards application for amend to License DPR-40, changing limiting conditions for operation & surveillance requirements of auxiliary feedwater sys.  
GATES, W.G. Omaha Public Power District. 90/02/19. Document Control Branch (Document Control Desk) 1p. 52725:264-52725:269.

-9002280466 Application for amend to License DPR-40, changing Tech Specs re limiting conditions for operation & surveillance requirements of auxiliary feedwater sys.  
GATES, W.G. Omaha Public Power District. 90/02/19. 4pp. 52725:285-52725:288.

-9002270361 Application for amend to License DPR-40, changing condition for operation of auxiliary feedwater sys.  
\* Omaha Public Power District. 90/02/21. 3pp. 52756:029-52756:032

-9002270420 Proposed Tech Specs re limiting conditions for feedwater sys.  
\* Omaha Public Power District. 90/02/21. 7pp. 52756:034-52756:041

9002280238 Forwards request for exemption from requirements for configuration of wide-range nuclear instrumentation cables in Facility.  
GATES, W.G. Omaha Public Power District. 90/02/21. Document Control Branch (Document Control Desk) 4pp. 52760:158-52760:159.

9003120626 Informs that utl response fulfills first requirement "Svc Water Sys Problems Affecting Safety-Related Equipment to accomplish live recommended actions."  
BOURNIA, A. Project Directorate IV (891001-900602) 90/02/21. Omaha Public Power District 3pp 52973:200-52973:202

9003080257 Forwards response to Generic Ltr 90-01, consisting of Regulatory Impact Survey questionnaire sheet re NRC team insps, insps/audits, IMPO evaluations/visits, Insurers (NELIA), OSHA & DOT.  
GATES, W.G. Omaha Public Power District. 90/03/01. Document Control Branch (Document Control Desk) 8pp. 52858:154-52858:163.

9003080301 Discusses station blackout coping assessment, conformance to station blackout rule. Required analysis re possible element drive mechanism seals completed prior to 891231 & available.  
GATES, W.G. Omaha Public Power District. 90/03/01. Document Control Branch (Document Control Desk) 1p. 52886:333-52886:333

9003120376 Forwards corrected page to utl 900126 response to Generic Ltr 90-01.  
GATES, W.G. Omaha Public Power District. 90/03/02. Document Control Branch (Document Control Desk) 3pp. 52971:318-52971:320.

9003260220 Provides interim update of utl position for testing of 891215 telcon w/A Bournia Crane 2 1/2 inch 797-U replacement to be delivered within 1 yr. Test results expected in Second Quarter.  
GATES, W.G. Omaha Public Power District. 90/03/06. Document Control Branch (Document Control Desk) 1p. 53149:182-53149:182.

9003220002 Advises that interim period of delay appropriate until testing program for pumps & valves, based on utl 891002 comment.  
BOURNIA, A. Project Directorate IV (891001-900602). 90/03/13. Omaha Public Power District 3pp. 53105:195-53105:197.

9003210255 Provides utl schedule for resolution of USI A-2. Utli w/defecton sys capability & response time & submital revs to TOL necessary.  
GATES, W.G. Omaha Public Power District. 90/03/15. Document Control Branch (Document Control Desk) 2pp. 53105:132-53105:133

9003260026 Forwards NRC understanding of current status of a plant, based on review of utl 891128 response  
BOURNIA, A. Project Directorate IV (891001-900602) 90/03/15. Omaha Public Power District 4pp. 53445:311-53445:314.

9003260267 Responds to Generic Ltr 89-19 re USI A-47, "Safety Sys in LWR Nuclear Power Plants." Mod Request MR-FC 0. automatic steam generator overfill protection.  
GATES, W.G. Omaha Public Power District. 90/03/19. Document Control Branch (Document Control Desk) 4pp. 53148:037-53148:040.

9003260276 Forwards application for amend to License DPR-40, changing Tech Specs re administrative controls  
GATES, W.G. Omaha Public Power District. 90/03/19. Document Control Branch (Document Control Desk) 2pp. 53189:058-53189:066.

-9003260281 Application for amend to License DPR-40, making Tech Specs re administrative controls  
GATES, W.G. Omaha Public Power District. 90/03/19. 2pp. 53189:067-53189:068.

-9003260283 Proposed Tech Specs, making corrections to administrative controls.  
\* Omaha Public Power District. 90/03/19. 7pp. 53189:069-53189:076.

9003140089 Generic Ltr 90-03 to all power reactor licensees & of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Related Components." Svc list encl  
PARTLOW, J.G. Associate Director for Projects (Post 870411). Ed Edison Co. of New York, Inc. 55pp. 53195:014-53195:068.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260238 Ack receipt of 891214 ltr informing NRC of steps taken noted in Insp Rept 50-285/89-41. Based on NRC review violation, Severity Level IV is proper classification. Violation remedy.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/08. MOORE, J.E. Omaha Public Power District. 2pp. 52739:268-52739:273.

- 9002270438** Clarifies all commitments re Generic Ltr 88-17, including actions to be implemented prior to mid-loop operation & addl mods to DHR per Insp Rept 50-285/89-34. Decision re mods to DHR will be made by 900413. GATES, W.G. Omaha Public Power District. 90/02/20. Document Control Branch (Document Control Desk). 2pp. 52756-126-52756-127.
- 9003020231** Forwards Insp Rept 50-285/89-50 on 891201-900115 Violations noted but not cited. WESTERMAN, T.F. Region 4, OIC of the Director. 90/02/20. GATES, W.G. Omaha Public Power District. 3pp. 52816-049-52816-299.
- 9003020240** Insp Rept 50-285/89-50 on 891201-900115 Violations noted but not cited. Major areas inspected: review of previously identified items, operational safety verification plant tours, surveillance, security & fitness-for-duty program. WESTERMAN, T.F. Region 4, OIC of the Director. 90/02/20. 32pp. 52816-268-52816-299.
- 9003090229** Advises that its 890501 response to NRC Bulletin 88-010 & Suppl. 1, "Nonconforming Modified Case Circuit Breakers" confirmed that activities required to address bulletin performed, except for four circuit breakers. BOURNIA, A. Project Directorate IV (891001-900602). 90/02/22. GATES, W.G. Omaha Public Power District. 4pp. 52964-049-52964-052.
- 9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 90pp. 52776-262-52776-363.
- 9003150239** Advises that response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Relieving Operations," acceptable. BOURNIA, A. Project Directorate IV (891001-900602). 90/02/27. GATES, W.G. Omaha Public Power District. 3pp. 53325-327-53325-329.
- 9002230283** NRC Info Notice 90-011, "Maintenance Deficiency Associated With Secondary-Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 90pp. 52776-163-52776-261.
- 9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 90pp. 52844-001-52844-099.
- 9003120695** Notification of 900309 meeting w/ utility in Rockville, MO to discuss areas of concern found during insps covering hydrogen purge/recombiners, raw water/fuel protection sys & containment spray/shutdown cooling agenda encl. BOURNIA, A. Project Directorate IV (891001-900602). 90/02/28. HEBDON, F.J. Project Directorate IV (891001-900602). 5pp. 52998-305-52998-309.
- 9003090257** Forwards response to Generic Ltr 88-01, consisting of completed NRC Regulatory Impact Survey questionnaire sheet re NRC team insps/audits, IMPO evaluations/visits, insurers (NELIA), OSHA & DOT. GATES, W.G. Omaha Public Power District. 90/03/01. Document Control Branch (Document Control Desk). 8pp. 52858-164-52858-183.
- 9003140430** Ack receipt of 890601 & 900117 ltrs informing NRC of steps taken to correct violations/deviations noted in Insp Rept 50-285/89-09 Deviation withdrawn per assessment. COLLINS, S.J. Region 4, OIC of the Director. 90/03/02. GATES, W.G. Omaha Public Power District. 2pp. 53019-256-53019-266.
- 9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 90pp. 52844-100-52844-199.
- 9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52997-031-52997-094.
- 9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-005-52997-189.
- 9003010227** NRC Info Notice 90-016, "Compliance With New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-286-52997-018.
- 9003010293** Suppl. 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-298.
- 9003190152** Responds to NRC 900130 ltr re violations & deviations noted in Insp Rept 50-285/89-40. Corrective actions: changes made to Procedure AOP-17 & procedure generation on package incorporated in plant procedures as Standing Order G-74. GATES, W.G. Omaha Public Power District. 90/03/07. Document Control Branch (Document Control Desk). 46pp. 53049-243-53049-289.
- 9003020211** NRC Info Notice 90-017, "Weight & Air of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-096-52963-199.
- 9003050043** NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-299.
- 9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52963-048.
- 90030210275** Responds to violations noted in Insp Rept 50-285/90-01. Corrective actions until issued upgraded version of calibr. procedures including steps to verify actual measured float positions against instrument indications. GATES, W.G. Omaha Public Power District. 90/03/12. Document Control Branch (Document Control Desk). 5pp. 53105-134-53105-138.
- 9003020143** Forwards Insp Rept 50-285/90-05 on 900122-26 & 0205-09. No violations or deviations noted. COLLINS, S.J. Region 4, OIC of the Director. 90/03/12. GATES, W.G. Omaha Public Power District. 2pp. 53112-201-53112-208.
- 9003020146** Insp Rept 50-285/90-05 on 900122-26 & 0205-09. No violations or deviations noted. Major areas inspected: in-service testing program for pumps & valves. STEWART, R.C. BARNES, I. Region 4, OIC of the Director. 90/03/08. 6pp. 53112-203-53112-208.
- 9003260202** Insp Rept 50-285/90-12 cancelled. COLLINS, S.J. Region 4, OIC of the Director. 90/03/13. GATES, W.G. Omaha Public Power District. 2pp. 53148-360-53148-361.
- 9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.
- 9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Box." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.
- 9003260532** Forwards Insp Rept 50-285/90-09 on 900227-0302. No violations or deviations noted. COLLINS, S.J. Region 4, OIC of the Director. 90/03/20. GATES, W.G. Omaha Public Power District. 2pp. 53158-077-53158-084.
- 9003280535** Insp Rept 50-285/90-09 on 900227-0302. No violations or deviations noted. Major areas inspected: containment integrated leak rate test. SINGH, A., AZUA, R.V., SEIDLE, W.C. Region 4, OIC of the Director. 90/03/19. 6pp. 53158-079-53158-084.
- 9003270017** Forwards Insp Rept 50-285/90-17 on 900226-0302. No violations or deviations noted. COLLINS, S.J. Region 4, OIC of the Director. 90/03/20. GATES, W.G. Omaha Public Power District. 3pp. 53164-122-53164-129.
- 9003270021** Insp Rept 50-285/90-17 on 900226-0302. No violations or deviations noted. Major areas inspected: QA program re control of measuring & test equipment & follow-up on previously identified insp findings. STEWART, R.C. BARNES, I. Region 4, OIC of the Director. 90/03/18. 5pp. 53164-125-53164-129.
- 9003180224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.
- 9003180306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.
- 9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Activations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53185-007-53185-108.

#### A. Periodic operating reports & related correspondence

- 9003010442** "Annual Rept for Tech Spec Section 5.9.1.b & App B, 1989 & Semiannual Rept for Tech Spec Section 5.9.4, Jul-Dec 1989." Occupational exposure info also included w/ 900021 ltr. PETERSON, G.H., GATES, W.G. Omaha Public Power District. 89/12/31. 182pp. 52782-251-52783-072.
- 9002230358** Forwards monthly operating rept for Jan 1990 for Fort Calhoun Station Unit 1. Section 1B listing changes, tests & experiments carried out w/o Commission approval & consisting of monthly 10CFR50.69 rept will be deleted in Feb 1990. GATES, W.G. Omaha Public Power District. 90/02/15. Document Control Branch (Document Control Desk). 1p. 52718-273-52718-273.
- 9003010475** Monthly operating rept for Jan 1990 for Fort Calhoun Station Unit 1. STICE, D.L. Omaha Public Power District. 90/01/31. 17pp. 52718-274-52718-290.
- 9003090276** Forwards "Fort Calhoun Station Performance Indicators, Jan 1990." GATES, W.G. Omaha Public Power District. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52954-163-52954-271.
- 9003090347** "Fort Calhoun Station Performance Indicators, Jan 1990." Omaha Public Power District. 90/01/31. 108pp. 52954-164-52954-271.
- 9003220195** Monthly operating rept for Feb 1990 for Fort Calhoun Station w/ 900315 ltr. STICE, D.L., GATES, W.G. Omaha Public Power District. 90/02/28. 20pp. 53123-089-53123-108.

#### S. Reportable occurrences, LERs & related correspondence

- 900220484** Special rept on 900103.26 fire barriers 57-F-266, 57-F-269 & 70-E-1 inoperable to allow addl cable installation specified by plant mod. On 900112 & 15, fire doors 1007-16, 1007-16, 1007-38 & 989-5 inoperable in order to install new doors. GATES, W.G. Omaha Public Power District. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52738-106-52738-107.

## 86 DOCKETED ITEMS

9003070032 Summary of Operating Reactors Events Meeting 90-05 on 900228 FISCHER, D.C. Event's Assessment: Branch 90/02/28 ROSS, C.E. Division of Operations' Events Assessment (Post 870411) 14pp. 52688 016-52688 030

9003080308 Forwards Computech Labs, Inc 900214 repl of unsatisfactory performance testing incident on 900126. Utl medical review officer reported incident to uhl on 900206. Rept incl cales that adminstrative error responsible for incident. GATES, W.G. Omaha Public Power District 90/03/01. Document Control Branch (Document Control Desk) 23pp 52858 030-52858 052

9003150001 Special rept on 900126, Fr Doors 1007-44 & 1013-3 & Fr Damper 88 declared inoperable for routing hose & power cables through barriers to support mod activity Doors & damper declared operable on 900220 & 0303, respectively. GATES, W.G. Omaha Public Power District 90/03/05 Document Control Branch (Document Control Desk) 2pp 53025 169-53025 170

9003150470 LER 89 017-01 on 890824, internal valve component from check valve found lying on pump discharge valve. Repair or replacement of valve internals could not be accomplished within time requirement of Tech Spec W/900309. MCLZER, D.J., GATES, W.G. Omaha Public Power District 90/03/09 7pp 53008 121-53008 127

9003260289 LER 90-003-00 on 900216, determined that auxiliary feedwater piping outside normal stress limits of ASME Code & design basis specified in updated SAR. Caused by design deficiency Valve operators will be inspected W/900319. LEHMAN, L.L., GATES, W.G. Omaha Public Power District 90/03/19 8pp 53165 123-53165 128

9003260293 LER 90-004-00 on 900217, ltr pressures for 6 of 10 main steam safety valves found outside acceptance criteria. Caused by overly restrictive operability criteria. Valves recalibrated & license amend submitted to NRC W/900319. VOSS, K. GATES, W.G. Omaha Public Power District 90/03/19 4pp 53165 120-53165 132

### V. Operator Examinations

9003070139 Forwards exam results, including answer keys, grading results for facility & individual answer sheets for each examinee as result of written operating licensing exams administered on 900207. Results should be forwarded to examinees. CALLAN, L.J. Region 4, Ofc of the Director. 90/02/26 FORCE, E.A. Arkansas Power & Light Co. GASPER, J.K. Omaha Public Power District. TOTH, C.J. Louisiana Power & Light Co. 90pp 52898 268-52898 357

9003120602 Documents 900226 meeting w/ uhl in Region IV alc re results of efforts to upgrade operator licensing & recertification programs. List of attendees encl. COLLINS, S.J. Region 4, Ofc of the Director. 90/03/02. GATES, W.G. Omaha Public Power District App. 52975 159-52975 162

### DOCKET 50-286 INDIAN POINT STATION, UNIT 3

#### F. Security, medical, emergency & fire protection plans

9002220405 Responds to violations noted in Insp Rept 50-286/89-82. Corrective actions procedure tracking sys initiated scheduled for implementation by 900331. Root cause for Open Item 89-82-08 re emergency operating procedures incorrect. RUSSELL, J.E. New York Power Authority (formerly Power Authority of the State of New York) 90/02/08 HODGES, M.W. Region 1, Ofc of the Director. 8pp 52703 177-52703 184

9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDR. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday 18pp 52990 252-52990 284

9003090386 Ack receipt of 810316 ltr re emergency radiological response plan to be adopted by NRC & FEMA for facility. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/03/26. D'AMATO, A. Senate. 1p 52990 275-52990 275

9003120104 Forwards correspondence re status of emergency planning around sites W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/08/26. OTTINGER, R.L. House of Rep., Energy & Commerce. 1p 52990 298-52990 298

9003120492 Forwards FEMA rept re inadequate State of NY & local emergency response plans in vicinity of plant W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 82/08/04. OTTINGER, R.L. House of Rep., Energy & Commerce. 1p 52991 001-52991 001

9003120646 Forwards announcement that NRC will consider comments from public & parties to separate proceeding in determining whether plants should be shutdown because of emergency planning deficiencies W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 83/05/13. OTTINGER, R.L. House of Rep., Energy & Commerce. MARKEY, E. House of Rep. MOYNIHAN, D. Senate. 1p 52991 030-52991 030

9003130577 Requests NRC consideration of encl constituent JM McHugh 891227 ltr to A D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr NRC 820212 press release citing operators at eight plants for emergency planning violations also encl. D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs. 7pp 52991 121-52991 172

9003080107 Requests NRC confirmation of results of 900117 telcon re fitness-for-duty random drug testing requirement that applies to individuals w/ unescorted access at plants. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/02/27. PARLER, W.C. Office of the General Counsel (Post 860701) 2pp 52897 109-52897 101

9003140427 Forwards SALP Rept 50-286/88-89 for Sept 1988 - Nov 1989. RUSSELL, W.T. Region 1, Ofc of the Director. 90/03/07. RUSSELL, J. New York Power Authority (formerly Power Authority of the State of New York) 3pp 53001 198-53001 237

9003140431 SALP Rept 50-286/88-89 for Sept 1988 to Nov 1989 in areas of radiological controls, emergency preparedness & security in areas of plant operations & maintenance & surveillance. \* Region 1, Ofc of the Director. 89/11/30. 36pp 53001 202-53001

### H. General correspondence

9003090324 Partial response to FOIA request for documents Listed enclosed Apps A & B documents available in PDR. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday 18pp 52990 252-52990 284

8806130261 Responds to ltr transmitting D Rota 860322 ltr re concern re resumption of operations at facility. Commission issued discretionary adjudication of Issues Order dtd 810108 encl W/o encl. INGRAM, J.F. Office of Public Affairs (Pre 870413) 86/05/30. 3pp 52991 099-52991 100

9003090403 Forwards citizen 810321 ltr for consideration & response receipt of request. D'AMATO, A. Senate 81/04/07. NRC - No Detailed Affiliation Given 52990 281

9003090469 Ack receipt of 810407 ltr on behalf of constituent re concern re resumption of operations at facility. Commission issued discretionary adjudication of Issues Order dtd 810108 encl W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/05/28. Senate. 1p 52990 290-52990 290

9003090473 Advises that NRC equally divided over appointment of hearing board per W Dicks 810508 ltr re resident concerns about under development. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/05/28. Senate. 1p 52990 291-52990 291

9003090486 Requests NRC consideration of encl constituent PA D'AMATO, A. Senate 81/05/28. NRC - No Detailed Affiliation Given 52990 293

9003090503 Ack receipt of 810528 ltr on behalf of constituent re concern re resumption of operations at facility. NRC issued order re intent to hold discretionary adjudication on 800530 Order dtd 810108 encl W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/05/28. Senate. 2pp 52990 294-52990 295

9003120480 Requests NRC consideration of encl constituent ltr. D'AMATO, A. Senate 82/07/28. NRC - No Detailed Affiliation Given 52990 359

9003120499 Responds to 820728 ltr on behalf of R Annunzio re concern re status of emergency planning in area FEMA assessment process & remedial action implementation w/ related in. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 82/07/28. Senate. 2pp 52991 003-52991 004

9003120832 Ack receipt of 830502 ltr transmitting correspondence re concern re possible unsafe conditions at facility. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 83/05/13. Senate. 1p 52991 028-52991 028

9003120734 Ack receipt of ltr transmitting correspondence re concern re evacuation plans at plant. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 83/05/13. Senate. 1p 52991 043-52991 043

9003130569 Requests NRC consideration of encl constituent M D'AMATO, A. Senate 87/07/30. NRC - No Detailed Affiliation Given 52991 115

9003130571 Ack receipt of 870730 ltr on behalf of constituent re concern re possible unsafe conditions at facility. BRADBURN, J.C. Congressional Affairs. 87/09/26. D'AMATO, A. Senate. 1p 52991 116-52991 116

9003190110 Final response to FOIA request for documents Listed enclosed Apps C documents available in PDR. Portions of App E (rel FOIA Exemption 6). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 90/03/09 WEBER, M.A. New York Newsday. 5pp 53001 202-53001

8401120564 Responds to 830820 ltr re evacuation from plant due to conditions. FEMA, not NRC, responsible for assessing adequacy of emergency planning ltr forwarded to FEMA for response. DIRCKS, W.J. Ofc of the Executive Director for Operations. 83/08/20. Senate. 1p 53005 354-53005 355

8401120571 Forwards constituent 830825 ltr re evacuation plan due to conditions. D'AMATO, A. Senate 83/09/20. NRC - No Detailed Affiliation Given 53005 357

9003190119 Ack receipt of constituent ltr 830223 ltr re plant NRC concerns w/ foremost interest in safe operation of plant & insistence on emergency preparedness. PLAIN, I.H. Office of the General Counsel (Post 860701) 83/05/13. Senate. 1p 53005 344-53005 344

9003190221 Requests NRC consideration of encl constituent ltr re concern re possible unsafe conditions at facility. D'AMATO, A. Senate 86/08/19. NRC - No Detailed Affiliation Given 53005 363

## P. Operating license stage documents & correspondence

**9002220435** Forwards application for amend to License DPR-64, revising Definition 1.12 of App A to License using guidance provided in Generic Ltr 89-14, "Line-Item Improvements in Tech Specs - Removal of 3.25 Limit on Extending..."  
BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/02/12. Document Control Branch (Document Control Desk). 2pp. 52706.005-52706.017.

**9002220438** Application for amend to License DPR-64, revising Definition 1.12 in App A of license per guidance provided in Generic Ltr 89-14, "Line-Item Improvements in Tech Specs - Removal of 3.25 Limit on Extending Surveillance Intervals..."  
BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/02/12. 1p. 52706.007-52706.007.

**9002220437** Proposed Tech Specs re allowable extensions for surveillance intervals covering quadrat power limit operation in degraded mode, average disintegration energy & dose equivalent 1-131.  
\* New York Power Authority (formerly Power Authority of the State of New York). 90/02/12. 10pp. 52706.008-52706.017.

**9002220319** Provides annual report re Westinghouse ECCS evaluation model reveals that concurs w/conclusion from Westinghouse evaluation of effects of mods to model for both large LOCA & small break LOCA analyses results found in VANTAGE 5 analysis.  
NEIGHBORS, J.D. Project Directorate I-1. 90/02/16. BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/02/14. Document Control Branch (Document Control Desk). 6pp. 52749.182-52749.220.

**9003020272** Forwards Amend 92 to License DPR-64 & safety evaluation. Amend revises Tech Specs re auxiliary feedwater pumps to more closely reflect applicable limiting conditions of operation provided by Westinghouse STS.  
NEIGHBORS, J.D. Project Directorate I-1. 90/02/16. BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/02/16. 2pp. 52798.273-52798.284.

**9003020273** Amend 92 to License DPR-64, revising Tech Specs re auxiliary feedwater pumps to closely reflect applicable limiting conditions for operation provided by Westinghouse STS.  
CAPRA, R.A. Project Directorate I-1. 90/02/16. 7pp. 52798.275-52798.281.

**9003020275** Safety evaluation re Amend 92 to License DPR-64.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/16. 3pp. 52798.282-52798.284.

**9003120242** Provides info re mid-loop operations during 1990 scheduled maint outage. Discussion of staff observations re mid-loop operations per 890103 response to Generic Ltr 89-17 encl.  
BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/03/02. Document Control Branch (Document Control Desk). 4pp. 52980.034-52980.037.

**9003160259** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Provides info on time plant managers spend in responding to various operational insps & audits.  
BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/03/02. Document Control Branch (Document Control Desk). 24pp. 53021.274-53021.297.

**9003140252** Forwards safety evaluation concluding that info re DCRR, provided in summary repls, meets requirements of Suppl 1 to NUREG 0737 info re human engineering deficiency provided in 890623 ltr per Rev 3 to Reg Guide 1.97 being reviewed.  
NEIGHBORS, J.D. Project Directorate I-1. 90/03/07. BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 5pp. 53018.328-53018.330.

**9003230037** Forwards NRC understanding of current status of unimplemented USIs at facility per 891117 response to Generic Ltr 89-21 & review of agency records.  
NEIGHBORS, J.D. Project Directorate I-1. 90/03/13. BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 3pp. 53126.357-53126.359.

**9003270343** Forwards response to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47." Overlaid protection sys sufficiently separate from main feedwater control sys & acceptable No mods to sys planned.  
BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/03/19. Document Control Branch (Document Control Desk). 6pp. 53192.114-53192.119.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

## D. Inspection reports, IE Bulletins & correspondence

**9002220405** Responds to violations noted in Insp Rept 50-286/89-82. Corrective actions procedure tracking sys initiated scheduled for implementation by 900331. Root cause for Open Item 89-82-08 re emergency operating procedures incorrect.  
RUSSELL, J.E. New York Power Authority (formerly Power Authority of the State of New York). 90/02/08. HODGES, M.W. Region 1, Ofc of the Director. 8pp. 52703.177-52703.184.

**9002270349** Forwards Insp Rept 50-286/89-25 on 891107-900108. No violations noted.  
LINVILLE, J.C. Region 1, Ofc of the Director. 90/02/13. RUSSELL, J. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52756.018-52756.028.

**9002270351** Insp Rept 50-286/89-25 on 891107-900108. No violations or deviations noted. Major areas inspected regular & backshift insps of onsite activities.  
MEYER, G.W. Region 1, Ofc of the Director. 90/02/08. 6pp. 52756.021-52756.026.

**9002260276** Advises that 900119 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," acceptable.  
NEIGHBORS, J.D. Project Directorate I-1. 90/02/15. BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52739.140-52739.141.

**9003010030** Responds to violations noted in Insp Rept 50-286/89-24. Corrective actions mod control manual to be completed & implemented by 900401 & training of personnel will be completed by 900801.  
RUSSELL, J.E. New York Power Authority (formerly Power Authority of the State of New York). 90/02/22. DURR, J.P. Region 1, Ofc of the Director. 12pp. 52815.229-52815.240.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776.282-52776.360.

**9003160222** Notification of Mgt Meeting 90-28 on 900227 in Region I to discuss corrective actions re instrument mod problems.  
MEYER, G.W. Region 1, Ofc of the Director. 90/02/23. Region 1, Ofc of the Director. 2pp. 53038.309-53038.310.

**9003000324** Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52990.252-52990.284.

**9003120276** Forwards announcement that presiding ASLB has scheduled Jan 14-16 sessions for public participation in facility proceeding Press release dtd 811210 re alleged violations encl w/ro announcement.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/12/15. OTTINGER, R.L. House of Rep. Energy & Commerce. 3pp. 52990.317-52990.317.

**9003130577** Requests NRC consideration of encl constituent JM McHugh 891227 ltr to D'Aмато forwarding St Lawrence Environ Mgt Council 891215 ltr, NRC 820212 press release citing operators at eight plants for emergency planning violations also encl.  
D'AMATO, J.M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs. 7pp. 52991.121-52991.172.

**9002230283** NRC Info Notice 90-011, "Maint Deficiency Associated W/ Saturated-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776.163-52776.261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52844.001-52844.009.

**9003150259** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Provides info on time plant managers spend in responding to various operational insps & audits.  
BRONSON, J.C. New York Power Authority (formerly Power Authority of the State of New York). 90/03/02. Document Control Branch (Document Control Desk). 24pp. 53021.274-53021.297.

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844.100-52844.198.

**9003140023** Ack receipt of 900119 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-286/89-20.  
HODGES, M.W. Region 1, Ofc of the Director. 90/03/05. RUSSELL, J. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 53024.189-53024.193.

**9003140037** Forwards Insp Rept 50-286/90-02 on 900206-09. No violations noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/03/05. RUSSELL, J. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 53019.335-53019.310.

**9003140038** Insp Rept 50-286/90-02 on 900206-09. No violations or deviations noted. Major areas inspected procurement, receipt & storage activities re installation of new spent fuel racks, including witnessing preparatory activities for reworking.  
CARRASCO, J.E. STROSNIDER, J.R. Region 1, Ofc of the Director. 90/03/01. 4pp. 53019.307-53019.310.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 8pp. 52997.001-52997.074.

**9003160089** Forwards Instrumentation & Control Insp Rept 50-286/89-26 on 891127-1201. No violations noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/03/08. RUSSELL, J. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 53040.008-53040.027.

**9003160096** Instrumentation & Control Insp Rept 50-286/89-26 on 891127-1201. Uncited violations listed. Major areas inspected: design, installation, maint & performance of selected instrumentation & control loops.  
KOSHY, T., MATTHEW, R., DELLA GRECA, A. Region 1, Ofc of the Director. 90/02/14. 18pp. 53040.010-53040.027.

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997.095-52997.189.

**9003010227** NRC Info Notice 90-018, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52987.288-52987.618.

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.



9003140427 Forwards SALP Rept 50-286/88-99 for Sept 1988 - Nov 1989. RUSSELL, W.T. Region 1, Ofc of the Director 90/03/07. RUSSELL, J. New York Power Authority (formerly Power Authority of the State of New York) 3pp. 53001:199-53001:237.

9003140431 SALP Rept 50-286/88-99 for Sept 1988 to Nov 1989 Category 1 assigned in areas of radiological controls, emergency preparedness & security. Category 2 assigned in areas of plant operations & maint. & surveillance. Region 1, Ofc of the Director 89/11/30. 36pp. 53001:202-53001:237.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963:036-52963:199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963:200-52963:289.

9003050148 NRC Bulletin 90-001, "Loss of F.I.O.I. in Transmitters Mfg by Rosemount." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963:300-52964:048.

9003160247 Forwards addl info re inservice insp program for 2nd 10-yr interval for facility in response to conference call. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/03/09. Document Control Branch (Document Control Desk). 8pp. 53042:239-53042:247.

9003160507 Responds to violation noted in Insp Rept 50-286/89-22. Corrective actions all Cycle 6/7 & Reg Guide 1.97 mods reviewed for similar errors & assessment of work performed during June 1989 to identify similar occurrences conducted. RUSSELL, J.E. New York Power Authority (formerly Power Authority of the State of New York) 90/03/09. LINVILLE, J.C. Region 1, Ofc of the Director. 3pp. 53060:132-53060:134.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997:180-52997:287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035:129-53035:228.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/03/22. Consolidated Edison Co. of New York, Inc. 81pp. 53166:057-53166:147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132:001-53132:100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53185:007-53185:108.

#### R. Periodic operating reports & related correspondence

9003090097 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1989." W/900220 ltr. RUSSELL, J.E. New York Power Authority (formerly Power Authority of the State of New York) 89/12/31. RUSSELL, W.T. Region 1, Ofc of the Director. 48pp. 52857:341-52858:029.

9003160104 Monthly operating rept for Feb 1990 for Indian Point Unit 3. W/900301 ltr. SMITH, S., RUSSELL, J.E. New York Power Authority (formerly Power Authority of the State of New York) 90/02/28. 5pp. 53059:168-53059:172.

#### S. Reportable occurrences, LERs & related correspondence

9002260291 Reaffirms NRC position re value of removal & exam effort concerning steam generator tubes following 881019 steam generator tube leak due to circumferential crack in tube plate. Potential benefits justify estimated costs & exposure. CAPRA, R.A. Project Director's ltr. 90/02/15. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 3pp. 52738:358-52738:358.

9003160315 LER 90-002-01 on 900203 plant operator unable to synchronize emergency diesel generator 32 to associated 480-volt bus during surveillance testing caused by procedural & design deficiencies. Control power fuse reinstalled. W/900220 ltr. DIAMOND, E., RUSSELL, J. New York Power Authority (formerly Power Authority of the State of New York) 90/02/20. 8pp. 53013:069-53013:076.

#### U. Congressional/Executive Correspondence

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed. Apps A & B documents available in PDR. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52990:252-52990:284.

9003090344 Forwards announcement re public hearing on facility for info. Announcement will be mailed to news media on 810109. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). 81/01/09. MOFFETT, T. House of Rep., Government Operations. UDALL, M. House of Rep. 1p. 52990:270-52990:270.

9003090386 Ack receipt of 810318 ltr re emergency radiological response plan to be adopted by NRC & FEMA for facility. KAMMERER, C. Office of Congressional Affairs (Pro 870413). 81/03/28. D'AMATO, A. Senate. 1p. 52990:275-52990:275.

9003120104 Forwards correspondence re status of emergency W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52990:298-52990:298.

9003120153 Forwards press release re issuance of 810318 memo. NRC concerning facilities. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. SIMPSON, J. House of Rep. 1p. 52990:302-52990:302.

9003120258 Forwards announcement that presiding ASLB has a conference on plant for 811202 in Croton-on-Hudson, NY. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52990:317-52990:317.

9003120276 Forwards announcement that presiding ASLB has a conference on plant for 811202 in Croton-on-Hudson, NY. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52990:317-52990:317.

9003120283 Forwards preliminary rept published by NRC to detail features for mitigating consequences of core-melt accidents. Plant safety at plants. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52990:318-52990:318.

9003120419 Forwards announcement that presiding ASLB has a conference on plant. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52990:348-52990:348.

9003120476 Advises that NRC issued end memorandum & quelling of several pleadings filed re continued operation of plants. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. SIMPSON, J. House of Rep. 1p. 52990:350-52990:350.

9003120484 Forwards Paddock revised version of statement with miss on 820727 order. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52990:300-52990:300.

9003120492 Forwards FEMA rept re inadequate State of NY & response plans in vicinity of plant. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52991:001-52991:001.

9003120495 Forwards memorandum & certification from ASLB coding requesting certification of 820727 order re admission to proceeding. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52991:002-52991:002.

9003120518 Advises that L.J. Carter has resigned as administrative director. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. SIMPSON, J. House of Rep. 1p. 52991:006-52991:006.

9003120522 Forwards memo to administrative judges in plant for info. Draft ltr rept on review & evaluation of plant probabilistic safety analysis. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52991:007-52991:007.

9003120535 Forwards order issued by NRC appointing JP Gioia as city licensing board. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52991:008-52991:008.

9003120541 Forwards Commission order addressing several ASLB in facility special proceeding. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep. 1p. 52991:009-52991:009.

9003120555 Forwards announcement that NRC proposes to find to meet requirements. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MARK, D'AMATO, A. Senate. 1p. 52991:017-52991:017.

9003120557 Advises that NRC issued order allowing continuation through Mar 1993. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MARK, D'AMATO, A. Senate. 1p. 52991:018-52991:018.

9003120563 Forwards announcement that special hearing re two resume on 830110. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pro 870413). OTTINGER, R.L. House of Rep., Energy & Commerce. MARK, D'AMATO, A. Senate. 1p. 52991:019-52991:019.



-9003120577 Forwards announcement that ASLB has scheduled special public hearing for site W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/02/17. D'AMATO, A. Senate. 1p. 52991.021-52991.021.

-9003120846 Forwards announcement that NRC will consider comments from public & parties to separate proceeding in determining whether plants should be shutdown because of emergency planning deficiencies W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/05/13. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M.K. House of Rep. 1p. 52991.030-52991.030.

-9003120658 Forwards NRC 830810 order authorizing continued operation of plants W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/06/13. D'AMATO, A. Senate. 1p. 52991.032-52991.032.

-9003120708 Forwards ASLB 831024 recommendations re operation of plant W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/10/25. OTTINGER, R.L. House of Rep. Energy & Commerce. MARKEY, E. House of Rep. MOYNIHAN, D. Senate. 1p. 52991.039-52991.039.

-9003130114 Forwards announcement that combined subcommittee of ACRS will hold technical meeting on 8/03/14 to discuss recommendations on future ACRS review of plant re regulatory consideration of severe nuclear accidents W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 84/03/07. OTTINGER, R.L. House of Rep. Energy & Commerce. MARKEY, E. House of Rep. MOYNIHAN, D. Senate. 1p. 52991.052-52991.052.

-9003130283 Forwards announcement that helicopter flying over facility & surrounding areas will be conducting routine radiological background survey W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 84/06/25. OTTINGER, R.L. House of Rep. Energy & Commerce. MARKEY, E. House of Rep. MOYNIHAN, D. Senate. 1p. 52991.061-52991.061.

-9003130358 Forwards announcement that allegation made re apparent improprieties or misjudgements by NRC operator licensing examiner in conducting exams at facility W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 84/10/16. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M.K. House of Rep. 1p. 52901.069-52901.069.

#### V. Operator Examinations

9003160003 Notification of contract execution, Task Order 17, "Indian Point 3 Requalification Exam," to contract. "Technical Assistance to Administer Operator Exam to Nuclear Plant Applicants," awarded to Sonalysts, Inc. BRENNAN, P.A. Contract Administration Branch FIN L-1280-0. 90/02/23. WEST, K.S. Policy Development & Technical Support Branch (Post 870411). PULSIPHER, K. NRC. No Detailed Affiliation Given. 1p. 53060.046-53060.047.

-9003160004 Ltr contract, cancelling Task Order 17, "Indian Point 3 Requalification Exam," to contract. "Technical Assistance to Administer Operator Exam to Nuclear Plant Applicants," awarded to Sonalysts, Inc. BELL, S. Contract Administration Branch FIN L-1280-0. 90/02/23. PETERSON, L.R. Sonalysts, Inc. 1p. 63060.047-53060.047.

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDR. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 800205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 62890.262-52890.264.

9003140435 Forwards results of generic fundamentals exam section of written operator licensing exam administered on 900207, including answer keys, grading results for facility & individual answer sheets for each examinee. GALLO, R.M. Region 1, Oic of the Director. 90/03/05. RAY, B. New York Power Authority (formerly Power Authority of the State of New York). 88pp. 63017.280-53018.007.

#### DOCKET 60-287 OCONEE NUCLEAR STATION, UNIT 3

#### F. Security, medical, emergency & fire protection plans

9002260242 Advises that 900122 Rev 30 to plant physical security plan consistent w/ provisions of 10CFR50.54(p) & acceptable. CLINE, W.E. Region 2, Oic of the Director. 90/02/13. TUCKER, H.B. Duke Power Co. 3pp. 52726.001-52726.003.

9002260532 Revised crisis mgt plan implementing procedures, including Rev 4 to EDA-3 & Rev 5 to EDA-9 W/900215 ltr. HARRIS, R.E., TUCKER, H.B. Duke Power Co. 90/02/15. 64pp. 52726.087-52726.161.

9003130711 Forwards public version of crisis mgt implementing procedures, including Rev 34 to CMP-1, Rev 25 to CMP-2, Rev 30 to CMP-4, Rev 34 to CMP-5, Rev 39 to CMP-5 & Rev 38 to CMP-7. TUCKER, H.B. Duke Power Co. 90/02/19. Document Control Branch (Document Control Desk). 2pp. 52993.001-52994.134.

-9003130721 Revised crisis mgt implementing procedures, including Rev 34 to CMP-1, Rev 25 to CMP-2, Rev 30 to CMP-4, Rev 34 to CMP-5, Rev 39 to CMP-6 & Rev 38 to CMP-7. HARRIS, K.E. Duke Power Co. 90/02/15. 492pp. 52983.003-52984.134.

9003140437 Forwards public version of Vol C to Rev 90-02 to EPIP manuals. TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 2pp. 53001.001-53001.055.

-9003140440 Public version of Vol C to Rev 90-02 of EPIP manuals. BARRON, H.B. Duke Power Co. 90/01/31. 53pp. 53001.003-53001.055.

9003050008 Forwards proposed emergency plan Revs 89-01 & 89-02 re emergency classification scheme per 900111 ltr. Proposed revs will be implemented by 900301. TUCKER, H.B. Duke Power Co. 90/02/23. Document Control Branch (Document Control Desk). 5pp. 52848.298-52848.300.

9003130109 Advises that NRC has reviewed 900202 ltr containing explanation of 900215 emergency preparedness drill, discussed in Insp Repts 50-269/89-29, 50-270/89-29 & 50-287/89-29. Items will be addressed in future Insp. COLLINS, D.M. Region 2, Oic of the Director. 90/02/28. TUCKER, H.B. Duke Power Co. 3pp. 52991.185-52991.197.

9003200432 Advises that Dec 1989 Rev 89-3 to Oconee Emergency Plan consistent w/ 10CFR50.47(b) & acceptable. Advises that proposed changes decreasing effectiveness of emergency plan require Commission approval per 10CFR50.54(q). COLLINS, D.M. Region 2, Oic of the Director. 90/03/01. TUCKER, H.B. Duke Power Co. 3pp. 53070.099-53070.102.

9003220122 Forwards Insp Repts 50-269/90.05, 50-270/90.05 & 50-287/90.05 on 900212-18. No violations or deviations noted. COLLINS, D.M. Region 2, Oic of the Director. 90/03/13. TUCKER, H.B. Duke Power Co. 3pp. 53124.163-53124.175.

-9003220127 Insp Repts 50-269/90.05, 50-270/90.05 & 50-287/90.05 on 900212-18. No violations noted. Major areas inspected: corrective actions for problems identified by NRC during Sept 1989 exercise. KREH, J.L. Region 2, Oic of the Director. 90/03/09. 10pp. 53124.166-53124.175.

9003220285 Forwards corrected Page 2 of table of contents, emergency plan manual, Vol B, Rev 90-01. TUCKER, H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk). 1p. 53145.045-53145.046.

-9003220288 Corrected Page 2 of table of contents, emergency plan manual, Vol B, Rev 90-01. \* Duke Power Co. 90/03/31. 1p. 53145.046-53145.046.

#### P. Operating license stage documents & correspondence

9003210309 "Reactor Containment Bldg Integrated Leak Rate Test" W/900309 ltr. BENESOLE, S., CHEA, H., HUBBARD, D. Duke Power Co. 89/12/31. 110pp. 53093.048-53093.166.

9003220250 Forwards E Backford 880929 request for CRGR review of proposed generic ltr in response to request during 900109 & 18 meetings w/NRC for NRC considerations made prior to issuance of Generic Ltr 89-10. MATTHEWS, D.B. Project Directorate II-3. 90/02/05. TUCKER, H.B. Duke Power Co. 4pp. 52720.273-52720.318.

9003010082 Summary of 900109-10 meeting w/util & NUMARC at plant re formulation of maint performance indicators. Attendee list, agenda & outline of trending approaches at facility encl. WILLIAMS, M.H. Trends & Patterns Analysis Branch. 90/02/06. NOVAK, T.M. Division of Safety Programs (Post 870413). 12pp. 52780.257-52780.268.

9002260234 Notification of 900223 meeting w/util in Rockville, MD to discuss proposed response to Generic Ltr 89-10. WIENS, L.A. Project Directorate II-3. 90/02/13. MATTHEWS, D.B. Project Directorate II-3. 3pp. 52738.143-52738.145.

9002260071 Forwards proprietary response to NRC 890725 questions re VIPRE core thermal hydraulic section of Topical Report DPC-NE-3000 & Rev 2 to Pages 3-89.3-70.3-78 & 3-79 of rept. Encls withheld (ref 10CFR2.780). TUCKER, H.B. Duke Power Co. 90/02/20. Document Control Branch (Document Control Desk). 2pp. 52753.264-52753.265.

9003060186 Forwards request for addl info to continue review of 870814 proposal to add Tech Specs for standby shutdown facility. Response requested within 21 days of ltr date. WIENS, L.A. Project Directorate II-3. 90/02/21. TUCKER, H.B. Duke Power Co. 3pp. 52835.098-52835.098.

9003140274 Forwards Rev 1 to Cycle 12 reload rept, changing assumed RCS flow & correcting typo. TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 5pp. 53018.023-53018.027.

9003160251 Responds to 900104 request for addl info re HPI pump & reactor bldg spray pump motor overcurrent relay settings. Results of analysis performed by Westinghouse on HPI pump motors consistent w/results of Design Engineering analysis. TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 3pp. 53038.169-53038.171.

9002260267 Forwards photographs of damage to transfer cask incurred when transport ship encountered severe storm during trip from Europe to US. Damage primarily limited to neutron shield. MCCONAGHY, W.J. Pacific Nuclear Systems, Inc. 90/02/23. ROBERTS, J. Fuel Cycle Safety Branch. 5pp. 52776.124-52776.129.

9003090328 Forwards semi-annual radioactive effluent release rept for Jul-Dec 1989 for McGuire Nuclear Station Units 1 & 2 & revised process control programs & offsite dose calculation manuals. TUCKER, H.B. Duke Power Co. 90/02/28. Document Control Branch (Document Control Desk). 4pp. 52952.053-52953.142.

-9003090340 Rev 4 to, "Process Control Program Oconee Nuclear Station." ENTREKIN, M.B., DAVIS, J.M., TUCKMAN, M.S. Duke Power Co. 89/11/15. 114pp. 52852.190-52852.303.

-9003090350 Rev 27 to, "Offsite Dose Calculation Manual, Oconee Nuclear Station." BIRCH, M.L., TUCKMAN, M.S. Duke Power Co. 90/01/01. 48pp. 52953.032-52953.080.

-9003090351 Rev 28 to, "Offsite Dose Calculation Manual, Oconee, McGuire & Catawba Nuclear Stations." BIRCH, M.L., OWEN, T.B., MCCONNELL, T.L. Duke Power Co. 90/01/01. 62pp. 52953.081-52953.142.

9003070255 Forwards request for addl info re response to Generic Ltr 89-11. Response to encl questions requested within 30 days of ltr date. WIENS, L.A. Project Directorate II-3. 90/03/01. TUCKER, H.B. Duke Power Co. 3pp. 52891.061-52891.063.

9003200248 Advises that plant boric acid corrosion prevention program, acceptable per 890731-0802 and t. Encl trip rept concludes program for monitoring small primary coolant leakage through corroded components adequate per Generic Lit 89 05. WIENSLA Project Directorate II.3. F.N. A-3871 90/03/13. TUCKER, H.B. Duke Power Co. 15pp. 53104.316-53104.330.

9003140089 Generic Lit 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Lit 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components" Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069

#### Q. Inspection reports, IE Bulletins & correspondence

9002260333 Forwards Exam Rept 50-269/01-89-02 on 891211-15 for Units 1, 2 & 3. PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 2pp. 52710.265-52710.312

9002260337 Exam Rept 50-269/01-89-02 on 891211-14 for Units 1, 2 & 3. Exam results: six senior reactor operators & eight reactor operators passed exams BALDWIN, R.S. Region 2, Ofc of the Director. 90/02/01. 71pp. 52710.267-52710.312.

9002230512 Forwards Insp Repts 50-269/90-02, 50-270/90-02 & 50-287/90-02 on 900108-12. No violations or deviations noted COLLINS, D.M. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 3pp. 52715.089-52715.104.

9002230515 Insp Repts 50-269/90-02, 50-270/90-02 & 50-287/90-02 on 900108-12. No violations or deviations noted. Major areas inspected plant chemistry w/emphasis on secondary chemistry & pipe erosion/corrosion throughout second sys ADAMO, VITZ, S., DECKER, T.R. Region 2, Ofc of the Director. 90/02/07. 13pp. 52715.092-52715.104.

9002230537 Forwards Insp Repts 50-269/89-40, 50-270/89-40 & 50-287/89-40 on 891217-900113. No violations or deviations noted HERDT, A.R. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 3pp. 52715.158-52715.175.

9002230541 Insp Repts 50-269/89-40, 50-270/89-40 & 50-287/89-40 on 891217-900113. No violations or deviations noted. Major areas inspected operations, surveillance testing, maintenance activities, nonroutine reporting program & insp of open items. SKINNER, P.H., WERT, L.D., SHYMLOCK, M.B. Region 2, Ofc of the Director. 90/02/07. 15pp. 52715.161-52715.175.

9002260289 Ack receipt of 900126 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-269/89-31, 50-270/89-31 & 50-287/89-31. HERDT, A.R. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 2pp. 52721.322-52721.323.

9002260589 Forwards Rey 1 to unit 900126 response to violations noted in Insp Repts 50-269/89-31, 50-270/89-31 & 50-287/89-31. Corrective actions: Penetration 53 & affected valves on other penetrations declared inoperable. TUCKER, H.B. Duke Power Co. 90/02/14 Document Control Branch (Document Control Desk). 3pp. 52721.036-52721.038.

9003050168 Forwards Insp Repts 50-269/90-01, 50-270/90-01 & 50-287/90-01 on 900108-12, 18 & 25. No violations or deviations noted PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/21. TUCKER, H.B. Duke Power Co. 3pp. 52836.264-52836.278.

9003050170 Insp Repts 50-269/90-01, 50-270/90-01 & 50-287/90-01 on 900108-12, 18 & 25. No violations or deviations noted. Major areas inspected design changes, modifications, corrective actions & other engineering support activities THOMAS, M., MOORE, R., JAPE, F. Region 2, Ofc of the Director. 90/02/15. 13pp. 52836.267-52836.279.

9003140258 Requests approval for use of ASME Code Case N-461, "Alternative Rules for Piping Cal Br Block Thickness" Code case will be incorporated into inservice insp programs at facilities. TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 3pp. 53010.214-53010.216.

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600" Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

9003080352 Forwards Insp Repts 50-269/89-39, 50-270/89-39 & 50-287/89-39 on 891212-15 & 18-20. No violations or deviations noted. BLAKE, J.J., JULIAN, C.A. Region 2, Ofc of the Director. 90/02/23. TUCKER, H.B. Duke Power Co. 3pp. 52856.306-52856.318.

9003080354 Insp Repts 50-269/89-39, 50-270/89-39 & 50-287/89-39 on 891212-15 & 18-20. No violations or deviations noted. Major areas inspected post-refueling startup tests of Unit 3 & core performance surveillances on Units 1 & 2. BURNETT, P.T., BELISLE, G.A. Region 2, Ofc of the Director. 90/02/22. 10pp. 52856.309-52856.318.

9002230378 NRC Info Notice 90-012, "Monitoring or Interruption of Operations" Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.002.

9003090164 Forwards "Inservice Insp Rept, Unit 3 Oconee 1989" TUCKER, H.B. Duke Power Co. 90/02/28 Document Control Branch (Document Control Desk). 1p. 52947.190-52948.095.

9003090191 "Inservice Insp Rept, Unit 3 Oconee 1989 Refueling" TUCKER, H.B. Duke Power Co. 90/02/23. 285pp. 52947.191-52948.095.

9003130088 Forwards Insp Repts 50-269/90-04, 50-270/90-04 & 50-287/90-04 on 900114-0217. No violations or deviations noted. Major areas inspected operations, surveillance testing, maintenance activities, nonroutine reporting program & insp of open items. SKINNER, P.H., WERT, L.D., DESAI, R.B. Region 2, Ofc of the Director. 90/02/28. TUCKER, H.B. Duke Power Co. 3pp. 53014.337-53014.350.

9003130094 Insp Repts 50-269/90-04, 50-270/90-04 & 50-287/90-04 on 900114-0217. No violations or deviations noted. Major areas inspected operations, surveillance testing, maintenance activities, nonroutine reporting program & insp of open items. SKINNER, P.H., WERT, L.D., DESAI, R.B. Region 2, Ofc of the Director. 90/02/28. TUCKER, H.B. Duke Power Co. 3pp. 53014.340-53014.350.

9003130109 Advises that NRC has reviewed 900202 ltr concerning emergency preparedness drill, discussed in Insp Repts 50-269/89-28 & 50-287/89-29. Items will be addressed in future insp repts. COLLINS, D.M. Region 2, Ofc of the Director. 90/02/28. TUCKER, H.B. Duke Power Co. 3pp. 52991.195-52991.197.

9003090514 Forwards Request for Relief 89-11 from ASME Code Case N-461, "Alternative Rules for Piping Cal Br Block Thickness" Code case will be incorporated into inservice insp programs at facilities. TUCKER, H.B. Duke Power Co. 90/03/01 Document Control Branch (Document Control Desk). 5pp. 52964.258-52964.262.

9003210001 Forwards Insp Repts 50-269/90-03, 50-270/90-03 & 50-287/90-03 on 900122-26. No violations or deviations noted. JULIAN, C.A. Region 2, Ofc of the Director. 90/03/02. TUCKER, H.B. Duke Power Co. 3pp. 53093.018-53093.027.

9003210002 Insp Repts 50-269/90-03, 50-270/90-03 & 50-287/90-03 on 900122-26. No violations or deviations noted. Major areas inspected operations, surveillance testing, maintenance activities, nonroutine reporting program & insp of open items. ECONOMOS, N.E., BLAKE, J.J. Region 2, Ofc of the Director. 90/03/02. TUCKER, H.B. Duke Power Co. 3pp. 53093.021-53093.027.

9002270399 NRC Info Notice 90-013, "Importance of Review of Event Logs" Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.102.

9003140373 Informs that unit 900126 response to NRC Bulletin of Required Shutdown Margin During Refueling Operations" was satisfactory. MATTHEWS, D.B. Project Directorate II.3. 90/03/05. TUCKER, H.B. Duke Power Co. 4pp. 53000.316-53000.319.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Fuel" Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Operations. Consolidated Edison Co. of New York, Inc. 88pp. 52844.103-52844.105.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement Between Control Directors Before Beginning Work in Agreement Areas" CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Operations. Consolidated Edison Co. of New York, Inc. 95pp. 52844.106-52844.108.

9003010227 NRC Info Notice 90-016, "Compliance W/New LTR" Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Environmental Protection. Consolidated Edison Co. of New York, Inc. 52998.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Fasteners" Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52844.109-52844.111.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity of Vents" Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 104pp. 52863.098-52863.100.

9003050043 NRC Info Notice 90-018, "Potential Problems With Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52863.200-52863.202.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitter" Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 109pp. 52863.300-52863.302.

**9003210133** Advises that data to complete corrective actions for violations noted in Insp Repts 50-269/89-25, 50-270/89-25 & 50-287/89-25 revised until 900110 due to need for add'l time to complete revs to affected station directives.  
TUCKER, H.B. Duke Power Co. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53105:115-53105:115.

**9003220122** Forwards Insp Repts 50-269/89-05, 50-270/89-05 & 50-287/89-05 on 900212-16 No violations or deviations noted.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/03/13. TUCKER, H.B. Duke Power Co. 3pp. 53124:163-53124:175.

**-9003220127** Insp Repts 50-269/89-05, 50-270/89-05 & 50-287/89-05 on 900212-16 No violations noted Major areas inspected: corrective actions for problems identified by NRC during Sept 1989 exercise.  
KREH, J.L. Region 2, Ofc of the Director. 90/03/09. 10pp. 53124:166-53124:175.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 89pp. 52997:190-52997:287.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 89pp. 53035:129-53035:226.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Redwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166:057-53166:147.

**9003180306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132:001-53132:100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemont Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53185:007-53185:108.

#### R. Periodic operating reports & related correspondence

**9003080339** "Radioactive Effluent Release & Solid Waste Disposal Repts, Jul-Dec 1989." W/900228 ltr.  
TUCKER, H.B. Duke Power Co. 89/12/31. 87pp. 52892:153-52892:219.

**9003140283** "1989 Personnel Monitoring Rept." W/900301 ltr.  
TUCKER, H.B. Duke Power Co. 89/12/31. 2pp. 53018:163-53018:164.

**9003140303** "Oconee Nuclear Station 1989 Personnel Exposure & Monitoring Rept." W/900301 ltr.  
TUCKER, H.B. Duke Power Co. 89/12/31. 2pp. 53029:359-53029:360.

**9003200153** Forwards monthly operating for Feb 1990 & corrected Jan 1990 rept for Oconee Nuclear Station Units 1, 2 & 3.  
TUCKER, H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk). 1p. 53071:132-53071:149.

**-9003200157** Monthly operating repts for Feb 1990 for Oconee Nuclear Station, Units 1, 2 & 3.  
WILLIAMS, R.A., MOSER, S.W. Duke Power Co. 90/02/28. 15pp. 53071:133-53071:147.

**-9003200160** Corrected monthly operating rept for Jan 1990 for Oconee Nuclear Station, Units 1, 2 & 3.  
Duke Power Co. 90/01/31. 1p. 53071:148-53071:148.

#### S. Reportable occurrences, LERs & related correspondence

**9003010229** LER 90-001-00: on 900119, reactor tripped following rapid reduction in power after control rod Group 8 dropped into core. Cause unknown, but possibly equipment malfunction. More instructions provided re mgmt deficiency W/900220 ltr.  
LOWERY, H.R., BARRON, H.B. Duke Power Co. 90/02/20. 17pp. 52747:265-52747:281.

**9003070007** LER 90-001-01: on 800119, unit tripped following rapid reduction from 100% full power after control rod Group 8 dropped into core. Possibly caused by equipment malfunction. Work requests prepared & procedures revised W/900221 ltr.  
LOWERY, H.R., BARRON, H.B. Duke Power Co. 90/02/21. 17pp. 52845:256-52845:271.

**9003200258** LER 89-006-01: on 891127, reactor bldg polar crane operated w/ main hook over fuel transfer canal while fuel movement in progress. Caused by inadequate policy re polar crane operation. Fuel movement suspended. W/900307 ltr.  
LOWERY, H., BARRON, H.B. Duke Power Co. 90/03/07. 9pp. 53053:038-53053:048.

#### T. Hearing transcripts on non-antitrust matters

**9003090521** Forwards transcript of 900131 meeting at Catawba plant re proposed civil penalty for violations involving inoperable auxiliary feedwater pump & civil penalty proposed for security violations.  
EBNETER, S.D. Region 2, Ofc of the Director. 90/02/23. TUCKER, H.B. Duke Power Co. 1p. 52851:312-52852:050.

#### V. Operator Examinations

**9002260333** Forwards Exam Rept 50-269/OL-89-02 on 891211-15 for Units 1, 2 & 3.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 2pp. 52710:265-52710:312.

**-9002260337** Exam Rept 50-269/OL-89-02 on 891211-14 for Units 1, 2 & 3. Exam results: six senior reactor operators & all eight reactor operators passed exams.  
BALDWIN, R.S., CASTO, C.A. Region 2, Ofc of the Director. 90/02/01. 71pp. 52710:267-52710:312.

#### Y. Dry Cask Independent Spent Fuel Storage Installations

**8912050028** Requests Commission authorization for NMSS to issue initial license authorizing Duke Power Co. to possess spent fuel from Oconee in ISFSI on plant site. ISFSI will employ NUTECH concrete module & steel canister dry storage sys.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. SECY-89-355. 89/11/28. 161pp. 52737:057-52737:217.

**9002230272** Advises of Commission approval of issuance of proposed license for dry concrete module storage of spent fuel. Requests that NRC inform Commission of ut'l decommissioning plan after review.  
CHILK, S.J. Office of the Secretary of the Commission. 90/01/12. TAYLOR, J.M. Ofc of the Executive Director for Operations. 1p. 52727:096-52727:098.

**9003140434** Informs that initial spent fuel loading schedule has been delayed until 900811 due to mtg & delivery delays. Updated SAR will not be submitted prior to 900811.  
TUCKER, H.B. Duke Power Co. 90/03/12. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 52998:259-52998:260.

#### DOCKET 60-288 REED COLLEGE RESEARCH REACTOR

#### P. Operating license stage documents & correspondence

**9003260241** Requests procedure used to calibr gasous stack monitor for reactor facility be investigated as to approval.  
SCARANO, R.A. Region 5, Ofc of the Director. 90/03/16. POWELL, J.L. Reed College, Portland, OR. 1p. 53175:357-53175:357.

#### V. Operator Examinations

**9003080410** Advises that operator requalification program meets 10CFR55 criteria & acceptable per ut'l 890705 & 900117 ltrs.  
MICHAELS, T.S. Non Power Reactors, Decommissioning & Environmental Proj Dir. (891031-900602). 90/02/27. RUBY, L. Reed College, Portland, OR. 4pp. 52910:121-52910:124.

#### DOCKET 60-289 THREE MILE ISLAND NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9002270353** Forwards environ assessment & finding of no significant impact re 891020 request for exemption from Section III.D of App R to 10CFR50 re tube oil collection requirements.  
HEFERNAN, R.W. Project Directorate I-4. 90/02/21. HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 52756:115-52756:119.

**-9002270356** Environ assessment & finding of no significant impact re 891020 request for exemption from Section III.D of App R to 10CFR50 to permit deletion of tube oil collection sys beneath sections of new piping in coolant pump oil sys.  
STOLZ, J.F. Project Directorate I-4. 90/02/21. 3pp. 52756:117-52756:119.

**9003090152** Grants exemption from reactor coolant pump tube oil collection requirements of Section III.D of App R to 10CFR50 for sections re piping rel to in 891020 request. Exemption encl.  
HEFERNAN, R.W. Project Directorate I-4. 90/02/26. HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 5pp. 52862:046-52862:055.

**-9003090186** Exemption from reactor coolant pump tube oil collection requirements of Section III.D of App R to 10CFR50.  
BOGER, B.A. Division of Reactor Projects - I/II (Post 870411). 90/02/26. General Public Utilities Corp. - GPU Service Corp. 5pp. 52862:051-52862:055.

**9003120217** Revised EPIPs, consisting of Rev 0 to 9470-ADM-1218.01, Rev 2 to 9471-IMP-1300.27 & Rev 4 to 9471-IMP-1300.28.  
BEAVER, J.R., BROWN, N. General Public Utilities Corp. - GPU Service Corp. 90/02/28. 54pp. 52868:097-52868:150.

**9003140118** Forwards Safety Insp Repts 50-269/89-05 & 50-320/89-02 on 900122-26 No violations noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/03/05. HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 53018:331-53018:341.

**-9003140123** Insp Repts 50-269/89-05 & 50-320/89-02 on 900122-26 No violations noted Major areas inspected: fire protection / prevent on program including program administration & organization & administrative control of combustibles.  
PAOLINO, R.J., ANDERSON, C.J. Region 1, Ofc of the Director. 90/03/01. 9pp. 53019:333-53019:341.

#### J. Insurance & Indemnity information

**9003070105** Provides listing of property insurance coverage for plants, effective 900401.  
HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 90/02/22. Document Control Branch (Document Control Desk). 1p. 52890:128-52890:128.

#### K. Utility Final Safety Analysis Report (FSAR) & amends

**9002280172** Update 8R to updated FSAR for TMI-1. W/900226 ltr.  
HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 90/03/31. 150pp. 52779:253-52780:081.

**P. Operating license stage documents & correspondence**

- 9002260148** Requests determination that 10CFR26 App A Section 2 7(0)(3)(i) does not require that alcohol breath analysis equipment conform to both Natl Safety Highway Traffic Safety Admin stds & State statutes or exemptions to 10CFR26 LONG R.L. General Public Utilities Corp. - GPU Service Corp. 90/02/15. Document Control Branch (Document Control Desk) 3pp. 52739:188-52739:200
- 9002270353** Forwards environ assessment & finding of no significant impact re 891020 request for exemption from Section III O of App R to 10CFR50 re lube oil collection requirements. HERNAN,R.W. Project Directorate I-4. 90/02/21. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 52756:115-52756:119
- 9002270356** Environ assessment & finding of no significant impact re 891020 request for exemption from Section III O of App R to 10CFR50 to permit deflation of lube oil collection sys beneath sections of new piping in coolant pump of sys. STOLZ,J.F. Project Directorate I-4. 90/02/21. 3pp. 52756:117-52756:119
- 9003070101** Forwards updated status summary of consideration of TMI-1 PRA recommendations as of 891231. Changes to torque switch settings for OH-V-4A & B w.t be implemented in Refueling Outage 8 re closing against high differential pressure. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/02/22. Document Control Branch (Document Control Desk) 6pp. 52891:081-52891:085
- 9003060195** Documents interpretation of Tech Spec 5.3.1.1 re design features of fuel assemblies in light of issuance of Generic Ltr 90-02 Tech Spec change request re utilization of dummy fuel rods or open water channels will be filed by 900420. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/02/23. Document Control Branch (Document Control Desk) 2pp. 52855:339-52855:340
- 9003090152** Grants exemption from reactor coolant pump lube oil collection requirements of Section III O of App R to 10CFR50 for sections re piping rel to in 891020 request. Exemption end. HERNAN,R.W. Project Directorate I-4. 90/02/26. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 5pp. 52962:046-52962:055
- 9003090186** Exemption from reactor coolant pump lube oil collection requirements of Section III O of App R to 10CFR50. BOGER,B.A. Division of Reactor Projects - I/II (Post 870411). 90/02/26. General Public Utilities Corp. - GPU Service Corp. 5pp. 52962:051-52962:055
- 9003120290** Submits 10CFR26 Fitness-for-Duty program implementation status report per 900103 ltr & informs that as result of self-assessment QA audit & requisite corrective actions to resolve audit findings,util will have improved program. CLARK,P.R. General Public Utilities Corp. - GPU Service Corp. 90/03/01. Document Control Branch (Document Control Desk) 2pp. 52971:321-52971:322
- 9003150004** Advises that util 900126 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," acceptable. Reminds licensee to retain appropriate justification in file if alternative action chosen. HERNAN,R.W. Project Directorate I-4. 90/03/02. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 1p. 53030:162-53030:162
- 9003160120** Notification of 900316 meeting w/util in Parsippany,NJ to discuss current licensing issues. HERNAN,R.W. Project Directorate I-4. 90/03/08. STOLZ,J.F. Project Directorate I-4. 3pp. 53041:048-53041:050
- 9003160381** Forwards application for Tech Spec Change Request 189 to License DPR-50, revising Tech Specs re steam generator tube insp requirements. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/03/12. Document Control Branch (Document Control Desk) 2pp. 53036:062-53036:078
- 9003160384** Application for Tech Spec Change Request 189 to License DPR-50, modifying unscheduled steam generator tube insp requirements after primary to secondary leak in excess of limits of Spec 3.1.6.3. \* General Public Utilities Corp. - GPU Service Corp. 90/03/12. 9pp. 53036:064-53036:072
- 9003160419** Proposed Tech Specs modifying unscheduled steam generator tube insp requirements after primary to secondary leak in excess of Spec 3.1.6.3 limits. \* General Public Utilities Corp. - GPU Service Corp. 90/03/12. 6pp. 53036:073-53036:078
- 9003190315** Forwards current status of unimplemented USIs for facility per Generic Ltr 89-21, including USI A-8 re ATWS, USI A-44 re station blackout, USI A-46 re seismic qualification of equipment & USI A-47. HERNAN,R.W. Project Directorate I-4. 90/03/12. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 3pp. 53050:287-53050:289
- 9003220026** Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47, 'Safety Implication of Control Sys in LWR Nuclear Power Plants,' per 10CFR50.54(f)." Current design adequate w/o addl Tech Specs. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/03/12. Document Control Branch (Document Control Desk) 4pp. 53128:057-53128:060
- 9003210314** Grants temporary waiver of compliance from Tech Spec 4.19.3.c requiring addl eddy current testing per 900309 telcon. BOGER,B.A. Assistant Director for Region I Reactors. 90/03/14. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 6pp. 53099:311-53099:316
- 9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 89-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 5pp. 53195:014-53195:068
- 9003230247** Forwards notice of consideration of issuance of amend to License DPR-50 re Tech Spec Change Request 189 for steam generator tube inservice insp. HERNAN,R.W. Project Directorate I-4. 90/03/20. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 53149:082-53149:102
- 9003230249** Notice of consideration of issuance of amend to License DPR-50 re Tech Spec Change Request 189 for steam generator tube inservice insp. WANG,A. Project Directorate I-4. 90/03/15. 9pp. 53149:094-53149:102

**Q. Inspection reports, IE Bulletins & correspondence**

- 9002220389** Forwards Insp Rept 50-289/90-03 on 900116-19. No violations noted. BELLAAMY,R.R. Region 1, Ofc of the Director. 90/02/07. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 52705:328-52705:339
- 9002220373** Insp Rept 50-289/90-03 on 900116-19. No violations noted. Inspected radiological controls program, including refueling outages. CHAWAGGA,D. SHERBINI,S. PASCIAK,W. Region 1, Ofc of the Director. 10pp. 52705:330-52705:339
- 9002280373** Forwards draft NUREG/CR-5488, "Risk-Based Inspection Review & Comments." HERNAN,R.W. Project Directorate I-4. 90/02/09. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 127pp. 52721:058-52721:188
- 9002230426** Advises that response to NRC Bulletin 89-003, "Potential Shutdown Margin During Refueling Operations," satisfactory per HERNAN,R.W. Project Directorate I-4. 90/02/14. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 52715:220-52715:221
- 9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Control 600." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post Consolidated Edison Co. of New York, Inc. 99pp. 52776:262-52776:262
- 9003080319** Documents interpretation of Tech Spec 4.19.5 a re generator tube post-inservice insp repl for Refueling Interval 8 removed from svc by plugging. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. Document Control Branch (Document Control Desk) 1p. 52910:135-52910:135
- 9002230283** NRC Info Notice 90-011, "Main Steam Deficiency Associated Valves." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post Consolidated Edison Co. of New York, Inc. 99pp. 52776:183-52776:183
- 9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Svc." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post Consolidated Edison Co. of New York, Inc. 99pp. 52844:001-52844:001
- 9003150006** Forwards Exam Rept 50-289/90-02OL administered by GALLO,R.M. Region 1, Ofc of the Director. 90/03/02. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 53028:095-53028:234
- 9003150007** Exam Rept 50-289/90-02OL on 900109-11. Exam senior reactor operators passed all portions of exam & issued 1 reactor operators passed re-exam. NORRIS,B.S. EISENGROTH,P.W. Region 1, Ofc of the Director. 63028:097-53028:234
- 9003160170** Forwards Insp Rept 50-289/89-26 on 891219-9 violation. Improvements needed in upgrading facility procedures in WENZINGER,E.C. Region 1, Ofc of the Director. 90/03/02. General Public Utilities Corp. - GPU Service Corp. 2pp. 53036:324-53036:324
- 9003160174** Notice of violation from Insp on 891219-900123. Violation adequately establish & implement surveillance procedure for retesting, resulting in reactor protection sys actuation on 900108. \* Region 1, Ofc of the Director. 90/03/02. 1p. 53036:326-53036:326
- 9003160177** Insp Rept 50-289/89-26 on 891219-900123. Violation. Inspected power operation, reduced power operation, plant shutdowns & maint/ surveillance activities re plant safety. YOUNG,F. Region 1, Ofc of the Director. 90/02/27. 78pp. 53036:326-53036:326
- 9002270389** NRC Info Notice 90-013, "Importance of Review & Approval of Event Logs." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post Consolidated Edison Co. of New York, Inc. 89pp. 52844:100-52844:100
- 9003140118** Forwards Safety Insp Repts 50-289/90-05 & 50-320/90-02 on 900126-19. No violations noted. DURR,J.P. Region 1, Ofc of the Director. 90/03/05. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 53019:331-53019:341
- 9003140123** Insp Repts 50-289/90-05 & 50-320/90-02 on 900126-19. No violations noted. Major areas inspected: fire protection/ prevention program administration & organization & administrative control of combustible materials. PAOLINO,R.J. ANDERSON,C.J. Region 1, Ofc of the Director. 53019:333-53019:341
- 9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Waste." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety. 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52809:018-52809:018
- 9003010172** NRC Info Notice 90-015, "Reciprocity: Notification of Agreement Between Control Directors Before Beginning Work in Agreement." CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety. 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52910:018-52910:018
- 9003010227** NRC Info Notice 90-016, "Compliance W/New Design." Svc list encl. BANGART,R.L. Division of Low-Level Waste Management & Dismantling. 90/03/07. Consolidated Edison Co. of New York, Inc. 52998:018-52998:018
- 9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Defective Fasteners." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post Consolidated Edison Co. of New York, Inc. 100pp. 52844:199-52844:199

0003150286 Forwards Safety Insp Rept 50-289/90-01 on 900108-26 No violations noted

DUPR,J.P. Region 1, Ofc of the Director. 90/03/08. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 53027:194-53027:206

-9003150289 Insp Rept 50-289/90-01 on 900108-26 No violations noted. Major areas inspected engineering support provided by offsite technical functions dept to site activities & service insp activities One unresolved item identified  
MCBREARY,R.A., STROSNIDER,J.R. Region 1, Ofc of the Director. 90/03/07. 11pp. 53027:196-53027:206

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963:200-52963:299

9003050148 NRC Bulletin 90-031, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963:300-52963:048

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vcl for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997:190-52997:287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Blow." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035:129-53035:220

9003230247 Forwards notice of consideration of issuance of amendment to license DPH-50 re Tech Spec Change Request 199 for steam generator tube inservice insp  
HERNAN,R.W. Project Directorate I-4. 90/03/20. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 53149:082-53149:102

-9003230249 Notice of consideration of issuance of amendment to license DPH-50 re Tech Spec Change Request 199 for steam generator tube inservice insp.  
WANG,A. Project Directorate I-4. 90/03/15. 9pp. 53149:034-53149:102

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166:057-53166:147

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132:001-53132:100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165:007-53165:108

## R. Periodic operating reports & related correspondence

9003070110 "Personnel Exposure Rept for TMI-1 for CY89." W/000222 ltr.  
HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 89/12/31. 3pp. 52888:031-52888:033

9003120278 Annual rept for 1989,including table of personnel exposure data,accident movement data,leak reduction program test info,pressurizer PORV & safety valve challenges & primary coolant sys activity W/900301 ltr.  
HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 89/12/31. 15pp. 52974:068-52974:102

9003200189 Monthly operating rept for Feb 1990 for TMI-1 W/900314 ltr.  
SMYTH,C.W., HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/02/28. 7pp. 53078:124-53078:130

9003120270 Semiannual effluent & release rept for Jul-Dec 1989.  
HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/03/01. Document Control Branch (Document Control Desk) 17pp. 52971:323-52971:339

## S. Reportable occurrences, LERs & related correspondence

9003120260 LER 90-002-00 on 900131,discovered gaps in reactor bldg sump screen Caused by 1983 mod which created access hatches in top of reactor bldg sump screen cage All unacceptable gaps & standing wire mesh will be repaired W/ 900302 ltr.  
HEYSEK,W.G., HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 90/03/02. 8pp. 52078:149-52078:154

9003180207 PNO-I-90-018 on 000306,apparent primary to secondary leak occurred in once-through steam generator A Leak rate estimated at less than 1 gpm Plant shut down to investigate cause of leakage Commonweath of PA Informed.  
HERNAN,R.W., WENZINGER,E. Region 1, Ofc of the Director. 90/03/06. 1p. 53036:284-53036:284

9003200100 Part 21 rept re several failures of Fairbanks Morse Engine D.v.p.ston pins/bushings on upper pistons Caused by incorrect surface pattern on piston pins Piston pins under listed purchase orders to be removed & replaced  
REDER,T.J., Colt Industries, Inc. 90/03/07. Region 3, Ofc of the Director. 3pp. 53078:287-53078:289

## V. Operator Examinations

9003150006 Forwards Exam Rept 50-289/90-02OL administered during wk of 900108.  
GALLO,R.M. Region 1, Ofc of the Director. 90/03/02. HUKILL,H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 53028:095-53028:234

53028:095-53028:234

## DOCKET 50-283 PILGRIM NUCLEAR POWER STATION, UNIT 1

### F. Security, medical, emergency & fire protection plans

9002270441 Forwards Safeguards Insp Rept 50-293/90-03 on 900108-12 No violations noted  
KNAFF,M.R. Region 1, Ofc of the Director. 90/02/09. BIRD,R.G. Boston Edison Co. 2pp. 52749:307-52749:316

-9002270445 Partially withheld Physical Security Insp Rept 50-293/90-03 on 900108-12 (ref. 10CFR73.21) No violations noted Major areas inspected mgt support,program plans & audits & protected & vital area physical barriers  
SMITH,G., OLSEN,W., ALBERT,R. Region 1, Ofc of the Director. 90/02/01. 8pp. 52748:309-52749:316

9002270244 Forwards FEMA summary of deficiency rept of 891012-13 offsite radiological emergency response exercise  
KNAFF,M.R. Region 1, Ofc of the Director. 90/02/09. BIRD,R.G. Boston Edison Co. 4pp. 52758:263-52759:270

-9002270245 FEMA summary of deficiency rept,radiological emergency response exercise on 891012-13  
\* Federal Emergency Management Agency 90/02/09. 12pp. 52758:267-52759:278

9002260007 Discusses NRC 900122-23 senior managers meeting re performance of nuclear plants licensed to operate by NRC. Util demonstrated sustained improvement to warrant removal from category of plants requiring more attention from NRC  
TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/02/12. SWEENEY,S.J. Boston Edison Co. 3pp. 52703:304-52703:306

9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in FDR  
HILLIS,J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/28. WEBER,M.A. New York Newsday. 18pp. 52990:252-52990:284

-9003130577 Requests NRC consideration of encl consultant JM McHugh 891227 ltr to a D'A-mate forwarding St Lawrence Environ Mgt Council 891215 ltr NRC 820212 press release citing operators at eight plants for emergency planning violations also encl  
D'AMATO,A.M. Senate. 90/01/24. KAYMERER,C. Congressional Affairs. 7pp. 52991:121-52991:172

9003230001 Responds to Generic Ltr. 90-01 re request for voluntary participation in NRC regulatory impact survey.Completed questionnaire for applicable areas deferral in survey encl  
BIRD,R.G. Boston Edison Co. 90/03/15. Document Control Branch (Document Control Desk) 14pp. 53138:251-53138:264

9003270032 Forwards proposed scope & objectives of Annual Exercise 90-04-B scheduled for 900618 per Lateral 890600 ltr, "Emergency Exercise Objective & Scenario Guidelines." Exercise will test & evaluate all EPPs  
BIRD,R.G. Boston Edison Co. 90/03/15. Document Control Branch (Document Control Desk) 9pp. 53164:228-53164:237

## H. General correspondence

9003020118 Advises that J. Fleming not considered member of town of Duxbury nuclear matters committee per Fleming 890515 ltr to NRC  
JOHNSON,N.M. Duxbury, MA. 90/01/09. KANE,W. Region 1, Ofc of the Director. 3pp. 52816:240-52816:244

## P. Operating license stage documents & correspondence

8908220167 Discusses 890517-18 meeting of NRC senior managers re performance of operating nuclear power plants licensed by NRC NRC noted that plant has been successfully restarted & operational performance to date satisfactory  
STELLO,V. Ofc of the Executive Director for Operations. 89/05/28. SWEENEY,S.J. Boston Edison Co. 3pp. 52888:302-52888:304

9003080041 Forwards operability evaluation re Salt Svc Water Pumps P208 B.C.D. & E per 900117 telcon.Evaluation concluded that salt svc water pumps P208 "B","C","D" & "E" operable & Tech Spec 3.5.B.1 requirements met.  
BIRD,R.G. Boston Edison Co. 90/01/19. RUSSELL,W.T. Region 1, Ofc of the Director. 38pp. 52852:247-52852:380

-9003080045 "Salt Svc Water Pump P208A,Casing Stresses due to Accidental Drop."  
HOWARD,R., GALLAGHER,W. CYGNA Energy Services. 90/01/19. 25pp. 52852:285-52852:308

-9003080087 "Operability Evaluation of Salt Svc Water Pump Columns"  
\* Boston Edison Co. M-410 R00. 90/01/19. 51pp. 52852:310-52852:360

9002220386 Requests temporary relief from Tech Spec 4.7.A.2.b 1.d, "Limiting Condition for Operation"  
HIGHFILL,K.L. Boston Edison Co. 90/02/09. Document Control Branch (Document Control Desk) 4pp. 52705:319-52705:322

9002260007 Discusses NRC 900122-23 senior managers meeting re performance of nuclear plants licensed to operate by NRC. Util demonstrated sustained improvement to warrant removal from category of plants requiring more attention from NRC.  
TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/02/12. SWEENEY,S.J. Boston Edison Co. 3pp. 52703:304-52703:308

9002260542 Provides acceptance of completion of power ascension program & closure of Confirmatory Action Ltr 86-10 Mgt performance plant mtl condition & operational performance support proceeding w/normal operation of facility  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/12. BIRD, R.G. Boston Edison Co. 3pp. 52722-137-52722-174

9003010460 Forwards update to long-term plan, in accordance w/Section V.A of "Plan for Long-Term Program." UI implementing plant betterment mods & activities  
BIRD, R.G. Boston Edison Co. 90/02/20. Document Control Branch (Document Control Desk). 3pp. 52784-316-52784-345

9003060047 Forwards revised operability evaluation of salt svc water pumps for plant. Evaluatn concludes that salt svc water pumps operate & requirements of Tech Spec 3.5 B.1 for pumps met  
BIRD, R.G. Boston Edison Co. 90/02/20. RUSSELL, W.T. Region 1, Ofc of the Director. 21pp. 52852-055-52852-075

9003150287 Responds to 891201 request for addl info re LPCI swing bus transfer & concludes that concerns not applicable to plant & ECCS performance capability remains consistent w/assumptions of design basis LOCA analysis w/true oversize drawings  
BIRD, R.G. Boston Edison Co. 90/03/02. Document Control Branch (Document Control Desk). 13pp. 53024-315-53024-327

9003190316 Forwards ltr presenting NRC understanding of current status of all unimplemented USIs for facility per ltr 891214 response to Generic Ltr 89-21  
FAIRFAX, M.B. Project Directorate I-3. 90/03/08. BIRD, R.G. Boston Edison Co. 3pp. 53050-315-53050-317

9003210302 Application for amend to License DPR-35, amending Tech Spec Tables 4.2 A, 4.2 B, 4.2 C & 4.2 D re logic sys functional testing  
BIRD, R.G. Baltimore Gas & Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 6pp. 53093-306-53093-323

9003210304 Proposed Tech Specs, changing Tables 4.2 A, 4.2 B, 4.2 C & 4.2 D re logic sys functional testing  
Boston Edison Co. 90/03/08. 12pp. 53093-312-53093-323

9003230113 Forwards explanation of errors in 890707 application re corrective action plan & advises that errors do not affect technical basis on which exemption granted UI corrective action plan remains unchanged  
BIRD, R.G. Boston Edison Co. 90/03/14. Document Control Branch (Document Control Desk). 13pp. 53145-344-53145-356

9003230001 Responds to Generic Ltr 80-01 re request for voluntary participation in NRC regulatory impact survey. Completed questionnaire for applicable areas delineated in survey encl  
BIRD, R.G. Boston Edison Co. 90/03/15. Document Control Branch (Document Control Desk). 14pp. 53138-251-53138-264

9003140089 Generic Ltr 80-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 80-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc ltr encl.  
PARTLOW, J.G. Assoc. Dir. for Projects (Post 870411). 80/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53105-014-53105-089

#### D. Inspection reports, IE Bulletins & correspondence

9002270300 Forwards Safety Insp Rept 50-293/90-02 on 900108-12. No violations noted  
HODGES, M.W. Region 1, Ofc of the Director. 90/02/07. BIRD, R.G. Boston Edison Co. 2pp. 52745-082-52745-089

9002270302 Insp Rept 50-293/90-02 on 900108-12. No violations noted. Major areas inspected pump & valve inservice test program implementation & review of IST program re NRC Generic Ltr 89-04 concerning exemptions to ASME Code Section XI  
GOLLA, J.A., EAPEN, P.K. Region 1, Ofc of the Director. 90/02/07. 6pp. 52745-094-52745-099

9002270441 Forwards Safeguards Insp Rept 50-293/90-03 on 900108-12. No violations noted  
KNAPP, M.R. Region 1, Ofc of the Director. 90/02/08. BIRD, R.G. Boston Edison Co. 2pp. 52749-307-52749-316

9002270445 Partially withheld Physical Security Insp Rept 50-293/90-03 on 900108-12 (ref 10CFR73.21). No violations noted. Major areas inspected mgt support, program plans & audits & protected & vital area physical barriers  
SMITH, G., OLSEN, W., ALBERT, R. Region 1, Ofc of the Director. 90/02/01. 8pp. 52749-309-52749-316

9002270131 Forwards Insp Rept 50-293/90-01 on 900108-26. No violations noted  
KNAPP, M.R. Region 1, Ofc of the Director. 90/02/12. BIRD, R.G. Boston Edison Co. 2pp. 52749-170-52749-181

9002270134 Insp Rept 50-293/90-01 on 900108-12 & 22-26. No violations noted. Major areas inspected: log cal service monitoring program & liquid & gaseous effluent control program for operations including mgt controls & QC program  
JANG, J.C., BORES, R.J. Region 1, Ofc of the Director. 90/02/08. 10pp. 52749-172-52749-181

9002270427 Grants 900209 request for one time discretionary enforcement to allow unit to prepare & submit request for relief from Tech Spec 4.7 A 2 b.1 d re operability verification of RCS instrument line flow check valves  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/13. BIRD, R.G. Boston Edison Co. 3pp. 52748-200-52748-205

9002270288 Forwards Restart Staff Insp Rept 50-293/89-13 on 891120-900115. Staff determined that plant continues to operate safely & conduct of plant operations during full power operations performed in prof manner  
KANE, W.F. Region 1, Ofc of the Director. 90/02/14. BIRD, R.G. Boston Edison Co. 3pp. 52744-305-52744-350

9002270291 Restart Staff Insp Rept 50-293/89-13 on 891120-900115. Weakness identified in locked valve program implementation. Major areas inspected: licensee mgt controls, conduct of operators & licensee self-assessment activities  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/02/12. 43pp. 52744-308-52744-350

9003070085 Forwards inservice insp plan for 1990 mid-cycle facility Augmented Insp will be performed for three IGSCC Capabilities in Generic Ltr 88-01 & criteria in NRC Bulletin 88-08. S  
BIRD, R.G. Boston Edison Co. 90/02/21. Document Control Branch (Control Desk). 5pp. 52899-113-52899-117

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 99pp. 52776-262-52776-262

9003080234 Responds to violations noted in Insp Rept 50-293/89-1119. Corrective actions on 891109 operations personnel directed be more diligent w/ layout documentation & boundary tagging of  
BIRD, R.G. Boston Edison Co. 90/02/26. Document Control Branch (Control Desk). 5pp. 52856-153-52856-157

9003090324 Pariah's response to FOIA request for documents listed in enclosed Apps A & B documents available in PDF  
PHILIPS, J.D. Division of Freedom of Information & Public Access. 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52899-113-52899-117

9003130577 Requests NRC consideration of encl constituent letter to A. Damato forwarding St Lawrence Environ Mgt Council 89 press release criticizing operators at w/gh plants for emergency procedure  
D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Congress. 52899-113-52899-117

9002230283 NRC Info Notice 90-011, "Maintenance Associated Valves." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-163

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Flow." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 99pp. 52844-001-52844-001

9003130036 Forwards Requalification Program Evaluation Rept 50-293/89-140 & 11. Program rated satisfactory. Remedial actions initiated for all operators & crew that failed requalification exams  
GALLO, R.M. Region 1, Ofc of the Director. 90/03/01. BIRD, R.G. Boston Edison Co. 3pp. 52995-054-52995-070

9003130041 Requalification Program Audit Rept 50-293/89-140 & 15. Exam results one senior reactor operator & one reactor operator failed written exam  
SISCO, C., CONTEH, J. Region 1, Ofc of the Director. 90/03/01. 52995-070

9002270399 NRC Info Notice 90-013, "Importance of Review & Event Logs." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-100

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Waste." Svc ltr encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. 90/03/06. Consolidated Edison Co. of New York, Inc. 89pp. 52844-100-52844-100

9003010172 NRC Info Notice 90-015, "Reciprocity. Notification of action Control Directors Before Beginning Work in Agreement with CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52844-100-52844-100

9003010227 NRC Info Notice 90-016, "Compliance W/New Design." Svc ltr encl.  
BANGART, R.L. Division of Low-Level Waste Management & Utilization. 90/03/07. Consolidated Edison Co. of New York, Inc. 52pp. 52998-018

9003010283 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Pressure Fasteners." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-199

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Driven Valves." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 104pp. 52963-096-52963-096

9003050043 NRC Info Notice 90-018, "Potential Problems With Valves Used on Diesel Generator Air Start Recover Tanks." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-200

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmission." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52963-300

9003080213 NRC Info Notice 90-018, "Potential Loss of Effectiveness of Recirculation Spray at PWR Facilities." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 89pp. 52997-190-52997-190

9003230001 Responds to Generic Ltr 80-01 re request for voluntary participation in NRC regulatory impact survey. Completed questionnaire for applicable areas delineated in survey encl  
BIRD, R.G. Boston Edison Co. 90/03/15. Document Control Branch (Control Desk). 14pp. 53138-251-53138-264

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Control." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post). Consolidated Edison Co. of New York, Inc. 89pp. 53035-129-53035-129

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

9003080255 "Radioactive Effluent & Waste Disposal Rept Including Meteorological Data, Jul-Dec 1989." W/900228 ltr.  
SEJKORA, K.J., D.MASCIU, N.J., HIGHFILL, K.L. Boston Edison Co. 89/12/31. 53pp. 52892-040-52892-092.

9003120761 "Number of Personnel & Man-Rem by Work & Job Function 1989." W/900228 ltr.  
HIGHFILL, K.L. Boston Edison Co. 89/12/31. 3pp. 52980-001-52980-003.

9002260205 Monthly operating rept for Jan 1990 for Pilgrim Nuclear Power Station W/900214 ltr.  
MUNRO, W., HIGHFILL, K.L. Boston Edison Co. 90/01/31. 7pp. 52720-127-52720-133.

9003070095 Forwards plant status rept for 900106-0205 During period plant operated at full power.  
EAPEN, P.K. Region 1, Otc of the Director. 90/02/15. JOHNSON, J.R. Region 1, Otc of the Director. 5pp. 52853-244-52853-248.

## S. Reportable occurrences, LERs & related correspondence

9003220063 LER 90-001-00 on 900209, 24 h limiting condition for operation entered when two RCS instrumentation excess flow check valves inappropriately verified operable during testing Cause undetermined. Two valves replaced W/900312 ltr.  
ELLIS, D.W., BIRD, R.G. Boston Edison Co. 90/03/12. 7pp. 53100-047-53100-053.

## V. Operator Examinations

9003020189 Notices of change in status of senior licensed operator. DW Gerlits terminated senior reactor operator license on 900201 but will retain position as senior sys & safety analysis engineer.  
BIRD, R.G. Boston Edison Co. 90/02/23. Document Control Branch (Document Control Desk). 2pp. 52788-114-52788-115.

9003050143 Advises that TJ McDonough reassigned effective 900128. Individual will no longer participate in licensed operator requalification training program.  
BIRD, R.G. Boston Edison Co. 90/02/23. Document Control Branch (Document Control Desk). 2pp. 52824-028-52824-029.

9003130036 Forwards Requalification Program Evaluation Rept 50-293/89-140L during wks of 891204 & 11. Program rated satisfactory. Remedial training should be completed for all operators & crew that failed requalification exams.  
GALL, R.M. Region 1, Otc of the Director. 90/03/01. BIRD, R.G. Boston Edison Co. 3pp. 52995-054-52995-070.

9003130041 Requalification Program Audit Rept 50-293/89-140L on 891204-08 & 11-15. Exam results: one senior reactor operator & one reactor operator failed simulator portion of exam & one reactor operator failed written exam.  
SISCO, C., CONTE, R.J. Region 1, Otc of the Director. 90/03/01. 14pp. 52995-057-52995-070.

## DOCKET 50-295 ZION NUCLEAR POWER STATION, UNIT 1

## F. Security, medical, emergency & fire protection plans

9003050114 Rev 1 to EPIP 210-1, "Operational Support Ctr Supervisor."  
Commonwealth Edison Co. 89/11/13. 8pp. 52823-068-52823-073.

9003050033 Rev 3 to EPIP EP-EOP-18, "Communicator."  
CARSON, R.L. Commonwealth Edison Co. 89/11/29. 22pp. 52825-068-52825-089.

9003050126 Change Request A-89-875 to Rev 1 to EPIP 370-3, "Offsite Transportation Accident Response."  
Commonwealth Edison Co. 89/11/29. 10pp. 52823-052-52823-061.

9003180172 Revised EPIPs, consisting of EPIP 100-1 & EPIP 110-1 W/ revised index.  
Commonwealth Edison Co. 90/01/11. 26pp. 53036-258-53036-281.

9003090071 Revised EPIPs, including Rev 4 to ED-4, Rev 7 to ED-19, Rev 3 to ED-21, Rev 5 to ED-24, Rev 5 to ED-30, Rev 2 to ED-31 & Rev 6 to ED-28.  
FERGUSON, B.S. Commonwealth Edison Co. 90/02/21. 87pp. 52950-190-52950-286.

9003060022 Forwards response to Safeguards Insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 Encl withheld (ref 10CFR73 21).  
KOVACH, T.J. Commonwealth Edison Co. 90/02/23. DAVIS, A.B. Region 3, Otc of the Director. 1p. 52823-020-52823-020.

9003180208 Change Request A-90-102 to revised EPIP 320-1, "Activation of Generating Station Emergency Plan Station Group." W/ revised index.  
Commonwealth Edison Co. 90/02/28. 14pp. 53036-242-53036-255.

9003280130 Rev 7 to EPIP EG-2, "Use of Commonwealth Edison Co & IDNS Monitoring Maps." W/six oversize drawings.  
MOLKEIR, A.J. Commonwealth Edison Co. 90/03/12. 9pp. 53189-161-53189-170.

9003210167 Forwards safety evaluation concluding that plant procedures generation package submitted by 841228 ltr needs review to address programmatic improvements which will enhance ability to develop high quality emergency operating procedures.  
PATEL, C.P. Project Directorate III-2. 80/03/13. KOVACH, T.J. Commonwealth Edison Co. 13pp. 53111-330-53111-342.

## P. Operating license stage documents & correspondence

9002260361 Forwards safety evaluation accepting "VIPRE/WRB-1 DNBR Thermal Limit for Westinghouse Optimized Fuel Assembly Fuel."  
PATEL, C.P. Project Directorate III-2. 90/02/13. KOVACH, T.J. Commonwealth Edison Co. 4pp. 52758-126-52758-132.

9002260362 Safety evaluation re "VIPRE/WRB-1 DNBR Thermal Limit for Westinghouse Optimized Fuel Assembly Fuel." Thermal limit of 1.187 acceptable.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/13. 3pp. 52739-130-52739-132.

9002270408 Forwards notice of withdrawal of application for amendments to Licenses DPR-39 & DPR-48, per u/l 891121 request. Change would have modified plant Tech Specs re containment purge & vent operations.  
PATEL, C.P. Project Directorate III-2. 90/02/14. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52758-324-52758-328.

9002270413 Notice of withdrawal of 860221 application for amendments to Licenses DPR-39 & DPR-48, revising Tech Specs to impose restrictions on containment purge & vent operations.  
PATEL, C.P. Project Directorate III-2. 90/02/14. 2pp. 52758-327-52758-328.

9002260559 Suppls 890731, 0915, 1030 & 1215 responses re employees notifying NRC of potential safety issues. Labor settlement agreements for util personnel did not reveal any restrictive clauses that would hinder employees from notifying NRC.  
RICHTER, M.H. Commonwealth Edison Co. 90/02/15. Project Directorate III-2. 2pp. 52763-307-52763-308.

9002230334 Forwards SSER re compliance w/ATWS Rule (10CFR50.62) for plant Review on sub closed.  
PATEL, C.P. Project Directorate III-2. 90/02/20. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52715-203-52715-209.

9002230338 SSER accepting compliance w/ATWS rule 10CFR50.62. Staff statements contained in conclusion of original SSER re completion of noted human factors engineering reviews still valid.  
NRC - No Detailed Affiliation Given. 90/02/20. 4pp. 52715-208-52715-209.

9003090142 Forwards proprietary & nonproprietary Rev 0 to NFRS-0069, "Transient Analysis Envelope for Zion Units 1 & 2." Proprietary rept withheld (ref 10CFR2.790).  
CHIRANOWSKI, R. Commonwealth Edison Co. 90/02/27. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp. 52966-015-52966-202.

9003090157 Requests withholding of proprietary Rev 0 to NFRS-0069, "Transient Analysis Envelope for Zion Units 1 & 2." from public disclosure ref (10CFR2.790).  
WIESEMANN, R.A. Westinghouse Electric Corp. 90/02/00. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 12pp. 52966-017-52966-028.

9003090165 Nonproprietary Rev 0 to "Transient Analysis Envelope for Zion Units 1 & 2."  
TAYLOR, D., KIM, H., TSAIR, I. Commonwealth Edison Co. NFRS-0069. R00. 89/11/21. 174pp. 52966-020-52966-202.

9003120469 Withdraws 891031 & 891208 Tech Spec amendments. Util will be making new requests for Tech Spec amendments in future utilizing new guidelines to assure that submittals meet improved stds.  
CHIRANOWSKI, R. Commonwealth Edison Co. 90/02/27. MURLEY, T.E. Document Control Branch (Document Control Desk). 1p. 53007-124-53007-124.

9003140371 Documents basis for request for temporary waiver of compliance w/diesel generator operability requirements. Results of investigation will be discussed w/ Region III personnel if diesel generator returned to operable status.  
CHIRANOWSKI, R.A. Commonwealth Edison Co. 90/03/02. DAVIS, A.B. Region 3, Otc of the Director. 29pp. 53024-112-53024-140.

9003200338 Ack receipt of 800302 ltr documenting request for waiver of compliance re requirement of 800229 confirmatory order that addresses emergency diesel generator operability.  
DAVIS, A.B. Region 3, Otc of the Director. 90/03/05. REED, C. Commonwealth Edison Co. 3pp. 53075-165-53075-198.

9003220064 Confirms 900305 conversation between TO Martin & K Graesser re problems associated w/emergency diesel generators. NRC concerned w/overall number & types of failures experienced. Meeting scheduled for 900330 to address findings.  
MILLER, H.J. Region 3, Otc of the Director. 90/03/08. REED, C. Commonwealth Edison Co. 2pp. 53112-359-53112-360.

9003210028 Forwards R Liccardio 900306 memo to J Taylor & T Murley re Liccardio comments on repts by independent review committee for differing prof opinion & stand-off review panel for differing prof view.  
SMITH, H. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/19. LANIHAM, D. Document Control Branch (Document Control Desk). 1p. 53111-294-53111-328.

9003210031 Forwards "Summary Evaluation by RBA Liccardio of Responses to Differing Prof View & Differing Prof Opinion Concerning (A) Zion 1/2 Containment Purge Isolation Valves & (B) Methodology Used for Calculating Offsite Doses."  
LICCARDIO, R.B. NRC - No Detailed Affiliation Given. 80/03/08. TAYLOR, J.M. Otc of the Executive Director for Operations. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 53111-295-53111-297.

9003210034 "Summary Evaluation of Responses by RBA Liccardio of Responses to Differing Prof View & Differing Prof Opinion Concerning (A) Zion 1/2 Containment Purge Isolation Valves & (B) Methodology Used for Calculating Offsite Doses."  
LICCARDIO, R.B. NRC - No Detailed Affiliation Given. 90/03/08. 32pp. 53111-298-53111-329.



9003140089 Genenc Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Genenc Ltr 83-26, Item 2, Part 2. "Vendor Interface for Safety Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53165-014-53195-069

#### Q. Inspection reports, IE Bulletins & correspondence

9003130084 Advises that review of recirculation phase functions for possible inclusion in Tech Specs completed per Insp Rept 50-295/89-19 ECCS recirculation valves, currently addressed in Tech Specs listed in Column 3 of encl.  
CHAZANOWSKI, R. Commonwealth Edison Co. 90/02/02. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52935-045-52955-047

9002260262 Forwards Final SALP 8 Repts 50-295/89-01 & 50-304/89-01 for June 1988 - Sept 1989, rev sheet, revised pages & 900125 ltr.  
DAVIS, A.B. Region 3, Ofc of the Director. 90/02/09. REED, C. Commonwealth Edison Co. 2pp. 52738-231-52738-264

-9002260283 Cover page of final SALP Repts 50-295/89-01 & 50-304/89-01 for June 1988 - Sept 1989 & summary of 900104 meeting w/ utl.  
\* Region 3, Ofc of the Director. 90/02/09. 2pp. 52738-233-52738-234.

-9002260290 Rev to SALP Repts 50-295/89-01 & 50-304/89-01 for June 1988 - Sept 1989.  
\* Region 3, Ofc of the Director. 90/02/09. 3pp. 52736-235-52738-237

-9002260293 Forwards response to SALP 8 rpt for June 1988 - Sept 1989.  
KOVACH, T.J. Commonwealth Edison Co. 90/01/25. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52738-238-52738-264

9003020182 Responds to open items noted in Insp Repts 50-295/89-24 & 50-304/89-22 on 900731-0804 re need for offsite vendor analysis. Science Applications Intl Corp & TMA/Norcal take discharge sample analysis repts encl.  
JOYCE, T.P. Commonwealth Edison Co. 90/02/10. DAVIS, A.B. Region 3, Ofc of the Director. 3pp. 52798-260-52798-262

9002270225 Discusses utl response to Bulletin 88-003, "Inadequate Latch Engagement in HFA Type Latching Pileys Mfg by GE." Actions considered completed.  
PATEL, C.P. Project Directorate III. 2. 90/02/14. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52758-260-52758-262

9003020007 Responds to concerns noted in Insp Repts 50-456/88-24, 50-457/88-24, 50-454/88-15, 50-455/88-14, 50-237/88-20, 50-249/88-21, 50-373/88-23, 50-374/88-22, 50-254/88-22, 50-265/88-22, 50-295/88-17 & 50-304/88-17.  
KOVACH, T.J. Commonwealth Edison Co. 90/02/15. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52798-248-52798-249

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776-262-52776-360

9003060022 Forwards response to Safeguards Insp Repts 50-295/89-41 & 50-304/89-37 on 900102-05 Encl withheld (rel 10CFR73.21).  
KOVACH, T.J. Commonwealth Edison Co. 90/02/23. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52823-020-52823-020

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52844-001-52844-099

9003090010 Confirms 900330 mgt meeting w/ utl in Region III ofc to discuss status of plant performance improvement program.  
GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/28. REED, C. Commonwealth Edison Co. 1p. 52945-345-52945-345

9003050176 Partial response to FOIA request for records App W records encl & available in PDR.  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/01. PEPPERMAN, D.R. Becker & Collins. 2pp. 52783-297-52794-103

-8009180653 Forwards response to IE Bulletin 78-10, "Bergen-Paterson Hydraulic Shock Suppressor Accumulator Spring Coils." No Bergen-Paterson snubbers installed at Dresden, Zion, LaSalle County, Byron or Braidwood facilities.  
REED, C. Commonwealth Edison Co. 78/08/08. KEPLER, J.G. Region III, IE (720101-810228). 10pp. 52794-104-52794-113

9003130319 Responds to 900131 notice of violation & proposed imposition of civil penalty in amount of \$100,000. Corrective actions: task force initiated & nuclear engineering dept developed training course for preparation of evaluations for mods.  
KOVACH, T.J. Commonwealth Edison Co. 90/03/02. Ofc of Enforcement (Post 870413). 6pp. 52995-219-52995-224

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mail." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189

9003010227 NRC Info Notice 90-016, "Compliance W/ New Deco Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Deco (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 62998-018

9003010293 Suppl 2 to NRC Info Notice 88-050, "Suppliers of Potentially Defective Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52844-109-52844-198

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies in Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 104pp. 52883-090-52883-198

9003050043 NRC Info Notice 90-018, "Potential Problems W/ C Valves Used on Diesel Generator Air Start Recycle Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52983-200-52983-298

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 108pp. 52983-300-52983-398

9003220208 EN-90-037 on 900314, notice of violation & proposed civil penalty of \$50,000 issued to Con Edison based on lack of mgt oversight in training program.  
TROSOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 53126-165-53126-165

9003190345 Forwards Safety Insp Repts 50-295/89-37 & 50-304/89-33 on 900102-05 & notice of violation.  
GREGER, L.R. Region 3, Ofc of the Director. 90/03/12. Consolidated Edison Co. of New York, Inc. 2pp. 53067-225-53067-240

-9003190346 Notice of violation from Insp on 900206-26. Violation: non-comply w/ low level radioactive burial facility requirements & failure of radioactive shipping container.  
GREGER, L.R. Region 3, Ofc of the Director. 90/03/12. 2pp. 53067-240

-9003190348 Insp Repts 50-295/89-37 & 50-304/89-33 on 900102-05 noted Major areas inspected recent radioactive/radiation mail & follow-up on allegations re nuclear general employee training program.  
GILL, C.F., SNEEL, W. Region 3, Ofc of the Director. 90/03/12. 53067-240

9003080213 NRC Info Notice 90-019, "Potential Loss of Effectiveness of Recirculation Spray at FWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52987-190-52987-288

9003220290 Discusses Insp Repts 50-295/89-40 & 50-304/89-30 & 900105 & forwards notice of violation & proposed imposition of civil penalty.  
DAVIS, A.B. Region 3, Ofc of the Director. 90/03/14. O'CONNOR, J. Consolidated Edison Co. 4pp. 53147-001-53147-015

-9003220291 Notice of violation & proposed imposition of civil penalty of \$50,000. Violations noted failure to establish adequate requalification program.  
DAVIS, A.B. Region 3, Ofc of the Director. 90/03/14. 3pp. 53147-015

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Cause by." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 53036-129-53036-227

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting from Radiation." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 91pp. 53100-001-53100-099

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor Valves to Operate Because Valve Seat Friction Was Undersized." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-099

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Restoration of Power to Rosemount Transmitter Trip Unit." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp. 53185-007-53185-099

#### R. Periodic operating reports & related correspondence

9002280219 "Effluent & Waste Disposal Semiannual Report 1989." Svc list encl.  
\* Commonwealth Edison Co. 89/12/31. 33pp. 52761-096-52761-198

9003060160 "Zion Nuclear Power Station Annual Report for 1989." Svc list encl.  
JOYCE, T.P. Commonwealth Edison Co. 89/12/31. 21pp. 52848-001-52848-099

9003090471 Forwards occupational radiation exposure portions of 1988.  
RESCEK, F. Commonwealth Edison Co. 90/02/20. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52886-208-52886-218

-9003090484 "Number of Personnel & Person-Rm by Work & Job." Svc list encl.  
JOYCE, T.P. Commonwealth Edison Co. 89/12/31. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52886-211-52886-212

9003020008 Forwards errata data for radioactive effluent report for solid radioactive report for Jul-Dec 1988.  
JOYCE, T.P. Commonwealth Edison Co. 90/02/21. Office of Nuclear Regulation, Director (Post 870411). 4pp. 52800-288-52800-308



- 9003200009 Effluent & Waste Disposal Seminar Rept 1989 Liquid Effluents Summation of A' Releases  
\* Commonwealth Edison Co 89/06/30 6pp 52803-302-52803-307
- 9003200010 Errata data re sold radwaste for month of Sept 1988 to Jul-Dec 1988 rpt  
\* Commonwealth Edison Co 89/12/31 1p 52800-308-52800-308
- 9003080135 Forwards corrected monthly operating rpt for Jan 1990 for Zion Unit 1, reflecting correct duration for time period  
JOYCE, T.P. Commonwealth Edison Co 90/02/21 Document Control Branch (Document Control Desk) 1p 52857-329-52857-330
- 9003080141 Corrected monthly operating rpt for Jan 1990 for Zion Unit 1.  
THOMAS, J. Commonwealth Edison Co 90/01/31 1p 52857-330-52857-330
- 9003210259 Monthly operating rpt for Feb 1990 for Zion Units 1 & 2 W/ 900303 ltr  
THOMAS, J. JOYCE, T.P. Commonwealth Edison Co 90/02/28 12pp 53112-148-53112-159

#### S. Reportable occurrences, LERs & related correspondence

- 9002260247 LER 90-001 CD on 900122, fire door between turbine hall & vestibule at south control room entrance found open w/no hourly fire watch established. Caused by door being jammed in open position. Door stop to be installed W/900226 ltr.  
BOYCE, T. JOYCE, T.P. Commonwealth Edison Co 90/02/20 3pp 52722-029-52722-031
- 9003050301 LER 90-004 CD on 900127 unit experienced turbine trip/ feedwater, soot on resulting from high water level. Caused by personnel error. Standing Order 93-04 issued requiring operator be present at panel W/900226 ltr.  
GEDDES, P. JOYCE, T.P. Commonwealth Edison Co 90/02/26 4pp 52829-210-52829-213
- 9003120094 LER 90-005 CD on 900120 & 30 two separate tank discharge tank released w/o two chemistry personnel independently verifying max permissible concentration fraction. Caused by procedural deficiency. Release form modified W/900302 ltr.  
FINNEY, L. JOYCE, T.P. Commonwealth Edison Co 90/03/02 4pp 52979-131-52979-134
- 9003160338 PNO III-93-014 on 900301, reactors shut down to repair swing emergency diesel generator (EDG) declared inoperable on 900225 after failing surveillance test. EDG failed test again after repairs completed. Root cause of failure undetermined.  
SHAFFER, J. CLAYTON, J. Hagen, J. Oic of the Director 90/03/02 1p 53035-274-53035-274
- 9003220192 LLH 90-006 CD on 900213, equipment attendant inadvertently started auxiliary feedwater pump 1B instead of auxiliary feedwater pump tube of pump. Protective plastic cover added to auxiliary feedwater pump switch W/900315 ltr.  
SHEEHAN, D. JOYCE, T.P. Commonwealth Edison Co 90/03/15 4pp 53122-083-53122-086

#### U. Congressional/Executive Correspondence

- 9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDIH.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26. WEBER, M.A. New York Newsday 18pp 52999-252-52999-264.
- 9003120283 Forwards preliminary rpt published by NRC to determine whether practical features for mitigating consequences of core-melt accidents would contribute to plant safety at plants w/o onci.  
KAMMERER, C. Office of Congressional Affairs (Pro 870413) 81/12/17.  
OTTINGER, R.L. House of Rep., Energy & Commerce. MOFFETT, T. House of Rep 1p 52090-318-52090-318.

#### DOCKET 50-296 BROWNS FERRY NUCLEAR POWER STATION, UNIT 3

#### H. General correspondence

- 9003050329 Advises that prior notification of permanent changes to unit organization & son or managers no longer required Decision based on NRC acceptance of corporate performance plan, rel in SER (Vol 1 to NUREG-1232).  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900802) 90/02/26. KINGSLEY, O.D. Tennessee Valley Authority 4pp 52825-164-52825-167.
- 9003140372 Advises of son or mgt changes PR Mandava resigned 900216 & position will remain vacant until replacement named EG Wallace named manager for nuclear license mg & regulatory affairs.  
KINGSLEY, O.D. Tennessee Valley Authority 90/02/27. CRUTCHFIELD, D. Division of Reactor Projects - III, IV & Special Projects (Post 870411). 2pp 53000-299-53000-300.

#### P. Operating license stage documents & correspondence

- 9003090111 Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear plants licensed by NRC. Meeting conducted biannually to focus resources on those plants & issues of greatest safety significance.  
STELLO, V. Oic of the Executive Director for Operations. 89/05/26. KINGSLEY, O.D. Tennessee Valley Authority 4pp 52987-023-52987-026.
- 9002130127 Application for amendments to Licenses DPR-33, DPR-52 & DPR-60, changing Tech Specs to clarify Limiting Condition for Operation 3.9 A 1 re diesel generator 7-day fuel oil requirements & fuel oil sampling.  
MEDFORD, M.O. Tennessee Valley Authority 90/01/31. Document Control Branch (Document Control Desk) 3pp 52628-146-52628-167.
- 9002130129 Proposed Tech Specs re auxiliary electrical sys, auxiliary electrical equipment & availability of diesel fuel oil.  
\* Tennessee Valley Authority 90/01/31. 18pp 52628-149-52628-167.

- 9002140229 Provides updated response to Generic Ltr 83-28, Item 2.2.2. Guidelines submitted by NRC 870211 ltr will be incorporated into corporate std for issuance by 900731. Document will describe TVA vendor manual control program.  
RAY, M.J. Tennessee Valley Authority 90/02/07. Document Control Branch (Document Control Desk) 3pp 52737-054-52737-056.
- 9002260011 Summarizes NRC 900122-23 son or managers meeting re performance of plants licensed to operate by NRC.  
TAYLOR, J.M. Oic of the Executive Director for Operations 90/02/12. KINGSLEY, O.D. Tennessee Valley Authority 3pp 52709-354-52709-356.
- 9002270157 Forwards Rev 0 to "TVA Nuclear QA Plan," including all corrected & revised pages & changes made per 891003 meeting, various telcons & previous submittals. Plan will be implemented by 900630.  
RAY, M.J. Tennessee Valley Authority 90/02/15. Document Control Branch (Document Control Desk) 2pp 52756-195-52756-313.
- 9002270367 Rev 0 to "TVA Nuclear QA Plan"  
KINGSLEY, O.D., MARTIN, L.E. Tennessee Valley Authority 90/06/30 113pp 52756-200-52756-313.
- 9002280526 Discusses plants design control program until adoption of design change implementation package (IEC P) DDC-P will contain or ref design change not to be prepared per approved procedures.  
MEDFORD, M.O. Tennessee Valley Authority 90/02/16. Document Control Branch (Document Control Desk) 2pp 52725-345-52725-346.
- 9002260536 Documents 0005 as time interval of integration used in analyses of Sosemic Class I structures. No specific definition of seismic analysis time interval of integration for other Sosemic Class I structures provided in plant FSAR.  
RAY, M.J. Tennessee Valley Authority 90/02/16. Document Control Branch (Document Control Desk) 3pp 52739-167-52739-162.
- 9002200103 Responds to NRC 891219 request for addl info re control room habitability - Hazardous chemicals. Unit will provide response to NRC request by 900531.  
RAY, M.J. Tennessee Valley Authority 90/02/20. Document Control Branch (Document Control Desk) 3pp 52779-218-52779-221.
- 9003120692 Responds to SC Black 900120 ltr requesting info re compliance w/ 10CFR26. Unit believes action necessary in interest of public safety & defensibility under law.  
KINGSLEY, O.D. Tennessee Valley Authority 90/03/02. TAYLOR, J.M. Oic of the Executive Director for Operations 6pp 52998-272-52998-277.
- 9003130376 Application for amendments to Licenses DPR-33, DPR-52 & DPR-60, consisting of Tech Spec Change Request 276, deleting remaining portion of temporary Amendments 151, 147 & 122 for Units 1, 2 & 3 respectively.  
RAY, M.J. Tennessee Valley Authority 90/03/06. Document Control Branch (Document Control Desk) 4pp 52995-168-52995-195.
- 9003130382 Proposed Tech Specs re standby gas treatment sys & secondary containment sys.  
\* Tennessee Valley Authority 90/03/08 24pp 52995-172-52995-195.
- 9003140326 Requests exigent review of 900306 Tech Spec Change Request 276 re standby gas treatment/secondary containment sys & waiver of compliance. Maintaining secondary containment integrity will extend outage mod scheduled approx 4 wks.  
CARLIER, P.P. Tennessee Valley Authority 90/03/06. Document Control Branch (Document Control Desk) 3pp 53029-342-53029-344.
- 9003220078 Grants temporary waiver of compliance from Limiting Condition for Operation 3.7 C, 2.d for secondary containment & standby gas treatment sys, per unit 900306 request.  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900802) 90/03/08. KINGSLEY, O.D. Tennessee Valley Authority 3pp 53174-231-53174-233.
- 9003160217 Forwards Rev 1 to Topical Rpt TVA-NPOD89, "Nuclear Power Organization Description".  
WALLACE, E.G. Tennessee Valley Authority 90/03/09. Document Control Branch (Document Control Desk) 5pp 53039-181-53039-223.
- 9003160379 Rev 1 to Topical Rpt TVA-NPOD89, "Nuclear Power Organization Description".  
\* Tennessee Valley Authority TVA-NPOD89 R01. 90/03/01. 57pp 53039-166-53039-223.
- 9003230147 Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Sys used at plant to transfer heat from safety-related structures, sys & components to ultimate heat sink discussed.  
MEDFORD, M.O. Tennessee Valley Authority 90/03/16. Document Control Branch (Document Control Desk) 12pp 53145-224-53145-235.
- 9003230231 Provides examples of weaknesses in procedure development guidance at plant, per Dec 1989 review. Encl illustrates that undesirable procedure variations can be due to insufficient guidance &/or lack of conformance to existing guidance.  
BLACK, S.C. Assistant Director for Projects 90/03/18. KINGSLEY, O.D. Tennessee Valley Authority 6pp 53145-238-53145-243.
- 9003140089 Generic Ltr 89-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc ltr encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co of New York, Inc. 85pp 53195-014-53195-089.
- 9003260556 Forwards pages inadvertently omitted from 900131 ltr re diesel generators.  
WALLACE, E.G. Tennessee Valley Authority 90/03/20. Document Control Branch (Document Control Desk) 8pp 53155-317-53155-325.
- 9003270035 Responds to Generic Ltr 89-19, "Request for Action re Resolution of US A-47, 'Safety Implication of Control Sys in LWR Nuclear Power Plants'." Unit will submit response by 900504.  
WALLACE, E.G. Tennessee Valley Authority 90/03/21. Document Control Branch (Document Control Desk) 3pp 53164-078-53164-080.

## Q. Inspection reports, IE Bulletins &amp; correspondence

- 9002260118 Confirms telcon w/ P. Sales & W. Little on 900123 re enforcement conference to discuss weaknesses in corrective actions & resolution of control of SNM issues identified in Insp Repts 50-259/89-55, 50-260/89-55 & 50-288/89-55. WILSON, B.A. Region 2, C/O of the Director. 90/02/05. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 52739.030-52739.032.
- 9003050045 Forwards Insp Repts 50-259/90-02, 50-260/90-02 & 50-288/90-02 on 900108-12 No violations or deviations noted. Major areas inspected radiological liquid & gaseous effluents, water chemistry & confirmatory measurements. MARSTON, R.R., DECKER, T.R. Region 2, C/O of the Director. 90/02/12. 10pp. 52825.040-52825.049.
- 9003050048 Insp Repts 50-259/90-02, 50-260/90-02 & 50-288/90-02 on 900108-12 No violations or deviations noted. Major areas inspected radiological liquid & gaseous effluents, water chemistry & confirmatory measurements. MARSTON, R.R., DECKER, T.R. Region 2, C/O of the Director. 90/02/12. 10pp. 52825.040-52825.049.
- 9002260004 Responds to request for additional information re denial of Violation 50-260/89-10-01. Encl analysis demonstrates that emergency equipment cooling water design flow would be maintained following postulated steam event. RAY, M.J. Tennessee Valley Authority. 90/02/14. Document Control Branch (Document Control Desk). 27pp. 52711.075-52711.101.
- 9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776.262-52776.360.
- 9003080250 EN-90-028 advises that broad discretion will be exercised & civil penalty will not be issued for Severity Level III problem re inadequate test procedures & failure to meet test intervals. AL units presently in extended shutdown. TROSKOSKI, W. C/O of Enforcement (Post 870413). 90/02/23. 1p. 52894.054-52894.054.
- 9002230283 NRC Info Notice 90-011, "Main Deficiency Associated w/ Solenoid-Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 86pp. 52776.163-52776.261.
- 9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.089.
- 9003160103 Forwards summary of enforcement conference on 900214 to discuss apparent weaknesses in corrective actions to correct problems w/ control of SNM at plant list of attendees & handout presented at meeting also encl. WILSON, B.A. TVA Projects Division (890101-900602). 90/03/01. KINGSLEY, O.D. Tennessee Valley Authority. 14pp. 53041.153-53041.166.
- 9003130021 Discusses Insp Repts 50-259/89-43, 50-260/89-43 & 50-288/89-43 on 890911-1011 & forwards notice of violation. Violations include inadequate test procedures & failure to meet surveillance test intervals. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 53014.326-53014.332.
- 9003130024 Notice of violation from Insp on 890911-1011. Violation noted licensee failed to adequately establish & implement Surveillance Procedure O.S. 4.2.B.87. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. 4pp. 53014.329-53014.332.
- 9003140400 Confirms 900302 telcon re 900201 notice of violation. Period for response to notice of violation extended until NRC takes action on 900212 request for repl. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 53000.279-53000.280.
- 9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Sequestrated Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/06. Consolidated Edison Co. of New York, Inc. 98pp. 52844.100-52844.198.
- 9003130405 Responds to NRC 900118 ltr re violations noted in Insp Repts 50-259/89-53, 50-260/89-53 & 50-288/89-53. Corrective actions: training provided to on-site operators w/ emphasis on adherence to procedures. MEDFORD, M.O. Tennessee Valley Authority. 90/03/05. Document Control Branch (Document Control Desk). 11pp. 53014.284-53014.294.
- 9002260081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52897.001-52897.084.
- 9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52897.095-52897.189.
- 9003010227 NRC Info Notice 90-016, "Compliance w/ New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52897.288-52897.018.
- 9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.
- 9003150312 Forwards redacted investigation Rept 2-86-015 & extends requested 30-day response time by addl 30 days from ltr date to allow review & respond as appropriate per 900212 request. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/03/07. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 53033.111-53033.112.

9003150359 Redacted investigation Rept 2-86-015 re alleged two senior TVA managers investigation determined that TVA internally misled NRC re TVA handling of Energy Reorganization NORTON, L.J., MURPHY, D.D., VORSE, J.Y. C/O of Investigation 90/14. 695pp. 53033.113-53033.687.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity D/Vulcan Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.196.

9003050043 NRC Info Notice 90-018, "Potential Problems w/ Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.300.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52963.400.

9003210104 Forwards Insp Repts 50-259/90-01, 50-260/90-01 & 50-288/90-01. Violations noted but not cited. WILSON, B. Assistant Director for Inspection Programs. 90/03/01. Tennessee Valley Authority. 2pp. 53088.152-53088.168.

9003210107 Insp Repts 50-259/90-01, 50-260/90-01 & 50-288/90-01. Violations noted re cable pulling activities. Major areas safety verification, surveillance observation, mods & site mgmt/or CARPENTER, D.R., PATTERSON, C.A. Region 2, C/O of the Director. Consolidated Edison Co. of New York, Inc. 13pp. 53088.154-53088.166.

9003060213 NRC Info Notice 90-019, "Potential Loss of Effectiveness of Recirculation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.288.

9003230168 Responds to NRC 900130 ltr re violations noted in Insp Repts 50-259/89-57 & 50-288/89-57. Corrective action: personnel training supports have been counseled in requirements for procedure MEDFORD, M.O. Tennessee Valley Authority. 90/03/16. Document Control Branch (Document Control Desk). 7pp. 53146.003-53146.009.

9003260117 Provides revised corrective action plan intended to establish more effective documentation of training by placing responsibility on manager in nuclear engineering. MEDFORD, M.O. Tennessee Valley Authority. 90/03/16. Document Control Branch (Document Control Desk). 5pp. 53190.153-53190.157.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Control." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 88pp. 53035.120-53035.218.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting from Radiation at Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 91pp. 53132.001-53132.099.

9003160308 NRC Info Notice 90-021, "Potential Failure of Main Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.099.

9003160349 NRC Info Notice 90-022, "Unanticipated Equipment Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.105.

## R. Periodic operating reports &amp; related correspondence

9003090448 "Semiannual Radiological Effluent Release Rept, July 1990." WALLACE, E.G. Tennessee Valley Authority. 89/12/31. 279pp.

9002260005 Monthly operating reports for Jan 1990 for Browns Ferry. RATLIFF, S.A., RAY, M.L. Tennessee Valley Authority. 90/01/27. 10pp. 52710.353-52710.363.

## S. Reportable occurrences, LERs &amp; related correspondence

9003200358 Part 21 report re defective pieces of ASTM A500 square tubing. Initially reported by licensee on 900216. Limited number of pieces actually defective per TVA visual insp. Part will be replaced. BURGER, N. Siskin Steel & Supply Co., Inc. 90/02/16. MURLE, R. Reactor Regulation, Director (Post 870411). 2pp. 53105.004-53105.006.

9003020076 Part 21 report re ABB 27/59 Relay Catalog Series 2 to printed wiring runs on bottom of circuit board deteriorated & actual failure occurred & relays to be changed at next outage. KAISER, A.F. ASEA Brown Boveri, Inc. 90/02/22. BERLINGER, C. Reactor Regulation, Director (Post 870411). 3pp. 52798.341-52798.343.

9003070020 Part 21 report re solder connections in ABB 27/59 relay thermal stress, causing bonding of printed wiring pattern board. Interim circuit board w/ larger pads & higher wattage will be used. KAISER, A.F. ASEA Atom, Inc. 90/02/22. BERLINGER, C. Reactor Regulation, Director (Post 870411). 3pp. 52888.207-52888.209.

9003080248 LER 90-001-00 on 900128, reactor protection sys bus 3A deenergized resulting in activation of plant ESFs Caused by voltage transient & inadequate design of setpoints for circuit protectors Bus 3A realigned W/900226 ltr.  
HSLER, C.S. BYNUM, J.R. Tennessee Valley Authority. 90/02/28 5pp 52896 044. 52896 048.

## DOCKET 50-297 NORTH CAROLINA STATE UNIV. PULSTAR REACTOR

### Q. Inspection reports, IE Bulletins & correspondence

9003050190 Forwards Exam Rpt 50-297/OL-89-01 on 891127-28 Exam answer key, facility comments & NRC resolution of comments encl.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/30. MILLER, G.D. North Carolina State Univ., Raleigh, NC. 1p. 52835 116-52835 213

9003050225 Exam Rpt 50-297/OL-89-01 on 891127-28 Exam results all reactor operators passed written exams & operating tests  
ERNSTES, M.E. Region 2, Ofc of the Director. 90/01/29. 97pp 52835 117-52835 213

### V. Operator Examinations

9003050190 Forwards Exam Rpt 50-297/OL-89-01 on 891127-28 Exam answer key, facility comments & NRC resolution of comments encl.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/30. MILLER, G.D. North Carolina State Univ., Raleigh, NC. 1p. 52835 116-52835 213.

9003050225 Exam Rpt 50-297/OL-89-01 on 891127-28 Exam results all reactor operators passed written exams & operating tests  
ERNSTES, M.E. Region 2, Ofc of the Director. 90/01/29. 97pp 52835 117-52835 213.

## DOCKET 50-298 COOPER NUCLEAR STATION

### F. Security, medical, emergency & fire protection plans

9003080188 Rev 13 to EPIP 5.7.17, "Dose Assessment" W/900301 ltr.  
TREVORS, G.A. Nebraska Public Power District. 90/03/01. 33pp 52899 036-52899 068

9003080081 Forwards corrections to Rev 24 to plant safeguards plan Rev withheld (ref 10CFR73.21).  
TREVORS, G.A. Nebraska Public Power District. 90/03/02. Document Control Branch (Document Control Desk). 1p. 52897 066-52897 066

### J. Insurance & Indemnity Information

9003070086 Lists property insurance coverage carried by util w/NELIA & MAELU w/ expiration on dates of 900501  
TREVORS, G.A. Nebraska Public Power District. 90/02/21. Document Control Branch (Document Control Desk). 2pp 52889 350-52889 360.

### P. Operating license stage documents & correspondence

9002260008 Application for amend to License DPR-46, permitting reactor operation for Cycle 14 fuel load.  
KUNCE, L.G. Nebraska Public Power District. 90/02/12. Document Control Branch (Document Control Desk). 3pp. 52711-033-52711-074

9002260012 Proposed Tech Specs, permitting reactor operation for Cycle 14 fuel load.  
\* Nebraska Public Power District. 90/02/12. 39pp 52711-036-52711-074.

9002220078 Advises that 890803, 1219 & 0724 responses to Generic Ltr 88-01 acceptable w/ listed exceptions. Safety evaluation of responses & contractor technical evaluation report also encl.  
O'CONNOR, P.W. Project Directorate IV (891001-900602). 90/02/14. TREVORS, G.A. Nebraska Public Power District. 4pp 52816 015-52816 018

9002270141 Safety evaluation accepting util response to Generic Ltr 88-01, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping" w/ exception of listed positions.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/14. 2pp 52816 019-52816 020.

9001060152 "Technical Evaluation Rpt on Response From Licensee to Generic Ltr 88-01 Pertaining to Cooper Nuclear Power Station."  
BATES, R.C. LAKNER, A. Viking Systems International. NRC-03-87-028. 89/12/31. NRC - No Detailed Affiliation Given. 35pp. 52816 021-52816 055.

9002260514 Informs that 900110 ltr clarifying Human Engineering Discrepancies 113 & 283 as nonsafety-related satisfactory.  
BOURNIA, A. Project Directorate IV (891001-900602). 90/02/14. GATES, W.G. Omaha Public Power District. 3pp. 52720 049-52720 051.

9003120584 Forwards safety evaluation accepting util 880803 response to Generic Ltr 88-11 re pressure/temp limits for RCS for heatup, leak test & criticality valid through 22 EFYs.  
O'CONNOR, P.W. Project Directorate IV (891001-900602). 90/02/23. TREVORS, G.A. Nebraska Public Power District. 4pp. 52880 041-52880 048.

9003120589 Safety evaluation accepting util 880803 response to Generic Ltr 88-11 re existing pressure/temp limits for RCS for heatup, cooldown, leak test & criticality valid through 22 EFYs.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/23. 4pp. 52880 045-52880 048.

9003120135 Forwards proprietary "GE11 LTA Fuel Bundle Description for Cooper Nuclear Station Reload 13, Cycle 14." Util plans to load four fuel assembly lead test assemblies as part of plant Reload 13. Encl withheld (ref 10CFR2.790).  
TREVORS, G.A. Nebraska Public Power District. 90/02/26. Document Control Branch (Document Control Desk). 7pp. 53007-038-53007-043.

9003180137 Forwards Amend 131 to License DPR-46 & safety evaluation. Amend changes Tech Specs to remove Figures 6.1.1 & 6.1.2 & add Specs 6.1.2 A, 6.1.2 B, 6.1.2 C & 6.1.3 H.  
O'CONNOR, P.W. Project Directorate IV (891001-900602). 90/02/27. TREVORS, G.A. Nebraska Public Power District. 3pp. 53036 298-53036 308.

9003180141 Amend 131 to License DPR-46, removing Figures 6.1.1 & 6.1.2 entitled "NPPD Nuclear Power Group Organization Chart" & "NPPD Cooper Nuclear Station Organization Chart" & adding Specs 6.1.2 A, 6.1.2 B, 6.1.2 C & 6.1.3 H.  
HEBDON, F.J. Project Directorate IV (891001-900602). 90/02/27. 5pp. 53036 301-53036 305.

9003180146 Safety evaluation supporting Amend 131 to License DPR-46.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/27. 3pp. 53036 306-53036 308.

9003120037 Supply response to Generic Ltr 89-16 re installation of hardened wetwell vent URI. Cannot commit to install hardened wetwell vent prior to Spring 1993 refueling outage.  
TREVORS, G.A. Nebraska Public Power District. 90/03/01. Document Control Branch (Document Control Desk). 2pp 52975 213-52975 214.

9003140363 Informs that request for withholding NEDC-31628P, "SRV Setpoint Tolerance Analysis for Cooper Nuclear Station" granted.  
O'CONNOR, P.W. Project Directorate IV (891001-900602). 90/03/02. TREVORS, G.A. Nebraska Public Power District. 4pp 53000 324-53000 327.

9003200381 Documents NRC understanding of current status of unimplemented USIs at facility, per 891018 response to Generic Ltr 89-21, including A-44 re station blackout, A-46 re seismic qualification & A-47 re control sys all LWRs.  
O'CONNOR, P.W. Project Directorate IV (891001-900602). 90/03/12. TREVORS, G.A. Nebraska Public Power District. 5pp 53070 025-53070 029.

9003210362 Informs of typo in NRC 900223 ltr stating that util pressure / temp limits for plant RCS valid through "22 EFYs." Correct period of time should have read "12 EFYs." Marked-up ltr encl W/ encl.  
O'CONNOR, P.W. Project Directorate IV (891001-900602). 90/03/13. TREVORS, G.A. Nebraska Public Power District. 3pp 53099 325-53099 327.

9003230070 Submits final response to Generic Ltr 88-14, "Instrument Air Supply Problems Affecting Safety-Related Equipment." Final item, verification that milg air quality requirements for essential components, completed.  
TREVORS, G.A. Nebraska Public Power District. 90/03/15. Document Control Branch (Document Control Desk). 2pp. 53139 141-53139 142.

9003230074 Notifies NRC of intent to defer response to Generic Ltr 89-18, per 900306 approved scheduler extensions. Response will be submitted on or before 900504.  
TREVORS, G.A. Nebraska Public Power District. 90/03/15. Document Control Branch (Document Control Desk). 2pp. 53139 150-53139 151.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195 089.

### Q. Inspection reports, IE Bulletins & correspondence

9002220411 Confirms that util completed removal of normally energized dc relays during 1989 outage, per NRC Bulletin 84-02. Schedule for replacement of remaining normally deenergized dc HFA relays acceptable.  
O'CONNOR, P.W. Project Directorate IV (891001-900602). 90/02/02. TREVORS, G.A. Nebraska Public Power District. 3pp 52703 333-52703 335.

9003010128 Requests relief from commitment to continue motor-operated valve testing under program established in response to NRC Bulletin 85-003, "Motor-Operated Valve Common Mode Failures During Plant Transient Due to Improper Switch Settings."  
TREVORS, G.A. Nebraska Public Power District. 90/02/15. Document Control Branch (Document Control Desk). 3pp. 52782 188-52782 189.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776 262-52776 360.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776 163-52776 281.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844 001-52844 089.

9003060276 Responds to NRC 900131 ltr re violations noted in Insp Rpt 50-298/88-31. Corrective actions numbered lead seal installed & logged when found missing on 891113 & Procedure 0.0 reviewed w/ personnel.  
TREVORS, G.A. Nebraska Public Power District. 90/03/02. Document Control Branch (Document Control Desk). 8pp. 52838 197-52838 205.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844 100-52844 198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997 001-52997 094.

9003160351 Ack receipt of 900214 informing NRC of steps taken to correct violations noted in Insp Rept 50-298/89-37.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/06. TREVORS, G.A. Nebraska Public Power District. 2pp. 53037.057-53037.060.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Reactor Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52597.095-52597.189.

9003010227 NRC Info Notice 90-016, "Compliance With New Decommissioning Rules." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52597.289-52598.016.

9003010293 Supp. 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.109-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Center of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52953.096-52953.189.

9003140013 Forwards Insp Rept 50-298/90-03 on 900212-16 No violations or deviations noted. Concur concern raised re lack of required training documentation for personnel involved in containment local leak rate testing.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/08. TREVORS, G.A. Nebraska Public Power District. 3pp. 53019.347-53019.355.

9003140014 Insp Rept 50-298/90-03 on 900212-16 No violations or deviations noted. Major areas inspected, containment local leak rate testing, surveillance testing, cable control programs & mod testing.  
SINGH, A., KELLEY, D.L. SEATTLE, W.C. Region 4, Ofc of the Director. 90/03/05. 6pp. 53019.350-53019.365.

9003190090 Forwards Insp Rept 50-298/90-02 on 900116-0215 violations noted.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/08. TREVORS, G.A. Nebraska Public Power District. 3pp. 53946.303-53946.320.

9003190093 Insp Rept 50-298/90-02 on 900116-0215 No violations noted. Major areas inspected, operational safety verification, monthly surveillance & maint observations, screen discharge capability verification & LER followup.  
CONSTABLE, G.L. Region 4, Ofc of the Director. 90/03/07. 15pp. 53048.306-53048.320.

9003050043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters May by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 103pp. 52963.300-52963.048.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 88pp. 52997.190-52997.287.

9003270320 Forwards Insp Rept 50-298/90-01 on 900212-16 Plans to submit supplemental response to Insp Rept 50-298/89-19 & exam of actions taken re previous Insp findings discussed in encl Insp Rept.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/14. TREVORS, G.A. Nebraska Public Power District. 3pp. 53193.190-53193.208.

9003270321 Insp Rept 50-298/90-01 on 900212-16 Violations noted. Major areas inspected: review of design documents, physical inspection of instrumentation displays & evaluation of calibr procedures & records.  
STETKA, T.F., PAUL, K.C. Region 4, Ofc of the Director. 90/03/08. 14pp. 53193.193-53193.206.

9003230203 Forwards Exam Rept 50-298/OL-90-01 administered during wk of 900219.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/16. TREVORS, G.A. Nebraska Public Power District. 3pp. 53126.216-53126.295.

9003230206 Exam Rept 50-298/OL-90-01 administered during wk of 900219. Exam results: two applicants passed exams & issued senior reactor operator upgrade. Two applicants failed written & one of two also failed operating exam.  
WHITTEMORE, J.E., PELLET, J.L. Region 4, Ofc of the Director. 90/03/16. 5pp. 53126.219-53126.223.

9003230207 Forwards comments on questions & answers associated w/900221 exam. Recommends that comments be considered in written exam & serve as basis for refining exam answers.  
DUTTON, J.W. Nebraska Public Power District. 90/02/23. WHITTEMORE, J. Region 4, Ofc of the Director. 72pp. 53126.224-53126.295.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035.129-53035.226.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 81pp. 53166.057-53166.147.

9003180308 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

## R. Periodic operating reports & related correspondence

9003090274 "Annual Operating Rept, 1989." W/900228 ltr.  
TREVORS, G.A. Nebraska Public Power District. 89/12/52345.092.

9003160167 Monthly operating rpt for Feb 1990 for Cooper Nuclear.  
THOMPSON, J.E., HORN, G.R. Nebraska Public Power District. 53037.052-53037.059.

## S. Reportable occurrences, LERs & related correspondence

9003010219 LER 90-001-00 on 900124, outboard steam supply line incorrectly closed during surveillance testing, causing isolation procedural inadequacy. Test procedure will be upgraded w/9001 REEVES, O.L., HORN, G.R. Nebraska Public Power District. 90/02/27. 52785.032.

## V. Operator Examinations

9003230203 Forwards Exam Rept 50-298/OL-90-01 administered during wk of 900219.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/16. TREVORS, G.A. Nebraska Public Power District. 3pp. 53126.216-53126.295.

9003230206 Exam Rept 50-298/OL-90-01 administered during wk of 900219. Exam results: two applicants passed exams & issued senior reactor operator upgrade. Two applicants failed written & one of two also failed operating exam.  
WHITTEMORE, J.E., PELLET, J.L. Region 4, Ofc of the Director. 90/03/16. 5pp. 53126.219-53126.223.

9003230207 Forwards comments on questions & answers associated w/900221 exam. Recommends that comments be considered in written exam & serve as basis for refining exam answers.  
DUTTON, J.W. Nebraska Public Power District. 90/02/23. WHITTEMORE, J. Region 4, Ofc of the Director. 72pp. 53126.224-53126.295.

## DOCKET 50-301 POINT BEACH NUCLEAR PLANT, UNIT 2

## F. Security, medical, emergency & fire protection plans

9003120331 Responds to Generic Ltr 90-01, "Request for Voluntary NRC Regulatory Impact Survey." Questionnaire re time limit responding to various Insps & audits encl.  
FAY, C.W. Wisconsin Electric Power Co. 90/03/01. PARTLOW for Projects (Post 870411). 12pp. 52974.022-52974.033.

9003160386 Rev 24 to EP 20, "Emergency Plan Definitions." W/900228 ltr.  
FAY, C.W. Wisconsin Electric Power Co. 90/03/08. 11pp. 53037.052-53037.059.

## P. Operating license stage documents & correspondence

9002260436 Ack receipt of 891221 changes to QA program. Changes will be completed within 60 days based on current revision.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/15. FAY, C.W. Wisconsin Electric Power Co. 1p. 52741.076-52741.076.

9002260508 Forwards environ assessment & finding of no significant impact for amendments to revise Tech Spec relating to fuel storage racks.  
SWENSON, W.H. Project Directorate III-3. 90/02/16. FAY, C.W. Wisconsin Electric Power Co. 3pp. 52720.241-52720.247.

9002260513 Environ assessment & finding of no significant impact for amendments to revise Tech Spec relating to fuel storage racks.  
HANNON, J.N. Project Directorate III-3. 90/02/16. 4pp. 52720.248-52720.252.

9002230557 Forwards safety evaluation accepting 890413 proposed surveillance program for plant Program can reveal deterioration in neutron attenuation capability during design life of fuel storage racks.  
SWENSON, W.H. Project Directorate III-3. 90/02/21. FAY, C.W. Wisconsin Electric Power Co. 3pp. 52727.098-52727.105.

9002230559 Safety evaluation approving surveillance program for use as neutron attenuation matrix in spent fuel storage racks.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 52727.101-52727.105.

9003010289 Forwards Amends 126 & 130 to Licenses DPR-24 & DPR-25. Safety evaluation Amends revise Tech Spec 15.6.4.2 re fuel storage racks to increase allowable U-235 content for optimized fuel assemblies to 46.8 g. SWENSON, W.H. Project Directorate III-3. 90/02/23. FAY, C.W. Wisconsin Electric Power Co. 3pp. 52785.206-52785.314.

9003010302 Amends 126 & 130 to Licenses DPR-24 & DPR-25. Safety evaluation Amends revise Tech Spec 15.6.4.2 re fuel storage racks to increase allowable U-235 content for optimized fuel assemblies to 46.8 g. SWENSON, W.H. Project Directorate III-3. 90/02/23. 6pp. 52785.315-52785.321.

9003010306 Safety evaluation supporting Amends 126 & 130 to Licenses DPR-24 & DPR-25. Safety evaluation Amends revise Tech Spec 15.6.4.2 re fuel storage racks to increase allowable U-235 content for optimized fuel assemblies to 46.8 g. SWENSON, W.H. Project Directorate III-3. 90/02/23. 3pp. 52785.322-52785.328.

**9003070389** Informs NRC of apparent inconsistency between min level of boric acid solution to be maintained in boric acid storage tanks per Tech Specs & amount of deliverable boric acid assumed in safety analyses.  
FAY,C.W. Wisconsin Electric Power Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52889.313-52889.314.

**9003140156** Advises that audit of boric acid corrosion prevention program at plant resulted in acceptable finding & NRC considers issue closed Trip report covering results of audit incl.  
SWENSON,W.H. Project Directorate III-3. 90/02/28. FAY,C.W. Wisconsin Electric Power Co. 10pp. 53024.044-53024.053.

**9003120331** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Questionnaire re time that managers spend in responding to various insps & audits incl.  
FAY,C.W. Wisconsin Electric Power Co. 90/03/01. PARTLOW,J.G. Associate Director for Projects (Post 870411). 12pp. 52974.022-52974.033.

**9003160024** Forwards followup response to Generic Ltr 89-04 re guidance on inservice testing programs, per 891003 Ltr Physical mods to containment spray sys of units will be made Piping sys will be installed to allow full-flow testing.  
FAY,C.W. Wisconsin Electric Power Co. 90/03/02. Document Control Branch (Document Control Desk). 8pp. 53060.030-53060.037.

**9003210310** Discusses interest in participating in licensee info conference scheduled for June 1990, per 900117 Ltr Suggests cascading Tech Spec interpretation & status of NRC safety goals.  
FAY,C.W. Wisconsin Electric Power Co. 90/03/08. DAVIS,A.B. Region 3, OIC of the Director. 1p. 53104.271-53104.271.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list incl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53185.014-53185.069.

#### G. Inspection reports, IE Bulletins & correspondence

**9002260530** Forwards Safety Insp Rpts 50-266/90-02 & 50-301/90-02 on 900109. 12 No violations noted.  
GREGER,L.R. Region 3, OIC of the Director. 90/02/13. FAY,C.W. Wisconsin Electric Power Co. 2pp. 52739.056-52739.065.

**-9002260534** Insp Rpts 50-266/90-02 & 50-301/90-02 on 900109-12 No violations or deviations noted Major areas inspected: chemistry, program, including procedures, organization & training & primary & secondary sys water OC programs.  
HOUSE,J.E., SCHUMACHER,M.C. Region 3, OIC of the Director. 90/02/13. 8pp. 52739.056-52739.065.

**9002260454** Discusses 891121 response to NRC Bulletin 89-003 re potential loss of required shutdown margin during refueling. Unit 900111 Ltr indicated that programs will be implemented to address all three actions Response satisfactory.  
SWENSON,W.H. Project Directorate III-3. 90/02/15. FAY,C.W. Wisconsin Electric Power Co. 4pp. 52739.122-52739.125.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 90pp. 52776.282-52776.380.

**9002230283** NRC Info Notice 90-011, "Main Drain Deficiency Associated W/ Solenoid Operated Valves." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 90pp. 52776.163-52776.261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.099.

**9003120331** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Questionnaire re time that managers spend in responding to various insps & audits incl.  
FAY,C.W. Wisconsin Electric Power Co. 90/03/01. PARTLOW,J.G. Associate Director for Projects (Post 870411). 12pp. 52974.022-52974.033.

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.198.

**9002280061** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Waste." Svc list incl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52987.001-52987.004.

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list incl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52987.095-52987.189.

**9003010227** NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list incl.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52987.288-52988.018.

**9003010293** Suppl 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresented Fasteners." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.288.

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52983.096-52983.198.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52983.200-52983.299.

**9003050148** NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52983.300-52984.046.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vcl for Containment Recirculation Spray at PWR Facilities." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52987.190-52987.287.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.226.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list incl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168.057-53168.147.

**9003160306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves in Operation Because Valve Seat Friction Was Underestimated." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.031-53132.100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list incl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.109.

#### F. Periodic operating reports & related correspondence

**9003080460** "Annual Results & Data Report for 1989," including description of facility changes, tests & experiments. W/900228 Ltr.  
FAY,C.W. Wisconsin Electric Power Co. 89/12/31. 180pp. 52902.260-52903.109.

**9003090182** "Semiannual Monitoring Report, Jul-Dec 1989." W/900227 Ltr.  
FAY,C.W. Wisconsin Electric Power Co. 89/12/31. 18pp. 52947.171-52947.188.

**9003160181** "Personnel Exposure & Monitoring CY89." W/900308 Ltr.  
FAY,C.W. Wisconsin Electric Power Co. 89/12/31. 2pp. 53049.019-53049.050.

**9003160324** Monthly operating reports for Feb 1990 for Point Beach Nuclear Plant, Units 1 & 2. W/900308 Ltr.  
KRAUSE,C.W., FAY,C.W. Wisconsin Electric Power Co. 90/02/28. 9pp. 53036.189-53036.207.

#### DOCKET 50-302 CRYSTAL RIVER NUCLEAR PLANT, UNIT 3

#### F. Security, medical, emergency & fire protection plans

**9003160123** Rev 10 to AR-402, "PSA G Annunciator Response." \* Florida Power Corp. (subs. of Florida Progress Corp.). 90/02/14. 10pp. 53041.051-53041.060.

**9003060038** Forwards FEMA final report for plant emergency exercise on 890621-22. No deficiencies noted. Four areas requiring corrective actions noted & nineteen areas recommended for improvement.  
COLLINS,D.M. Region 2, OIC of the Director. 90/02/16. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52835.251-52835.299.

**9003160016** Rev 2 to AP-250, "Radiation Monitor Activation." \* MARSHALL,W. Florida Power Corp. (subs. of Florida Progress Corp.). 90/02/18. 14pp. 53060.285-53060.298.

**9003090310** Forwards Insp Report 50-302/89-32 on 891218-900126. No violations noted but not cited.  
SINKULE,M.V. Region 2, OIC of the Director. 90/02/22. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52966.001-52966.011.

**-9003090315** Insp Report 50-302/89-32 on 891218-900126. Noncited licensee identified violation noted. Major areas inspected plant operations, security, radiological controls, facility mods & licensee action on previous insp items.  
HOLMES-RAY,P., BRADFORD,W., CRLENJAK,R. Region 2, OIC of the Director. 90/02/22. 8pp. 52966.004-52966.011.

**9003160478** Rev 50 to EPIP EM-206, "Emergency Plan Roster & Notification." \* STEPHENSON,J.D. Florida Power Corp. (subs. of Florida Progress Corp.). 90/02/22. 26pp. 53027.292-53027.317.

**9003050289** Advises that unit voluntarily agrees to participate in emergency response data sys proposed in Generic Ltr 89-15.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 90/02/23. Document Control Branch (Document Control Desk). 1p. 52825.033-52825.033.

**9003160054** Rev 4 to VP-540, "Runback Verification Procedure." \* MARSHALL,W. Florida Power Corp. (subs. of Florida Progress Corp.). 90/03/01. 7pp. 53040.302-53040.308.

**9003160061** Revised EPIPs, including Rev 6 to AP 513, Rev 4 to AP 061, Rev 5 to AP 960 & Rev 10 to EP 390.  
\* Florida Power Corp. (subs. of Florida Progress Corp.). 90/03/07. 81pp. 53035.275-53035.355.

## J. Insurance &amp; Indemnity Information

9003210307 Forwards listing of insurance policies in place for plant as of 800225.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 90/03/13. Document Control Branch (Document Control Desk) 2pp. 53105.130-53105.131.

## P. Operating license stage documents &amp; correspondence

9003160007 Rev 14 to Procedure AP-580, "Reactor Trip."  
BANDHAUER,W.K. Florida Power Corp. (subs. of Florida Progress Corp.) 90/02/08. 2pp. 53060.048-53060.071.

9003050031 Confirms W. Rossfeld & S. Vias 900124 conversation re 900216 mgt meeting to discuss self-assessment of plant performance.  
EBNETER,S.D. Region 2, Ofc of the Director. 90/02/12. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 3pp. 52836.348-52836.350.

9003050038 Notification of 900216 mgt meeting w/utl at Region II ofc to discuss self-assessment of plant performance.  
CRLENJAK,R.V. Region 2, Ofc of the Director. 90/02/12. Region 2, Ofc of the Director. 2pp. 52823.074-52823.075.

9003060322 Application for amend to License DPR-72,consisting of Tech Spec Change Request 180. Amend changes Tech Specs to allow interlock which will eliminate automatic simultaneous operation of motor driven emergency feedwater pump.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 90/02/13. Document Control Branch (Document Control Desk) 8pp. 52838.137-52838.152.

9003080323 Proposed Tech Specs,allowing interlock which will eliminate automatic,simultaneous operation of motor driven emergency feedwater pump & LPSI when offsite power not available.  
Florida Power Corp. (subs. of Florida Progress Corp.) 90/02/13. 8pp. 52838.145-52838.152.

9003050097 Summarizes 900117 mgt meeting re update on configuration mgt program & electrical issues & overview of items scheduled for Refuel 7. List of attendees,agenda,meeting summary & handouts encl.  
EBNETER,S.D. Region 2, Ofc of the Director. 90/02/14. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 37pp. 52823.087-52823.123.

9002260495 Advises that until individual plant exams (IPE) approach, methodology & schedule generally acceptable,par 891103 response to Generic Ltr 88-20 IPE results should be submitted on more expeditious schedule.  
SILVER,H. Project Directorate II-2. 90/02/16. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 3pp. 52725.359-52725.361.

9003150476 Rev 4 to AP-1080, "Refueling Cana' Level Decrease."  
MARSHALL,W. Florida Power Corp. (subs. of Florida Progress Corp.) 90/02/19. 14pp. 53020.021-53020.034.

9003020210 Provides followup on & documents discussion in 900116 meeting re emergency diesel generator loading.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 90/02/21. Document Control Branch (Document Control Desk) 1p. 52788.305-52788.305.

9003050258 Forwards corrected Page 2 to Amend 125 to License DPR-72. Corrected page states that amend shall be implemented "by beginning of Fuel Cycle 8" instead of "within 30 days".  
SILVER,H. Project Directorate II-2. 90/02/28. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 1p. 52837.071-52837.074.

9003050308 Corrected Page 2 to Amend 125 to License DPR-72, stating that amend shall be implemented by beginning of Fuel Cycle 8 instead of 30 days.  
BERKOW,H.N. Project Directorate II-2. 90/01/31. 1p. 52837.072-52837.074.

9003140272 Lists five addl drugs included in 10CFR26 re fitness-for-duty testing program. Specimens identified as positive on initial screening will be confirmed using gas chromatography or mass spectrometry at listed cut-off levels.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 90/03/01. Document Control Branch (Document Control Desk) 2pp. 53018.013-53018.014.

9003160152 Forwards FR notice of consideration of issuance of amend to License DPR-72 & proposed NSHC determination re 891031 & 900125 applications to extend storage capacity,increase fuel enrichment,allow shield removal & expand Tech Spec 5.6.1.  
SILVER,H. Project Directorate II-2. 90/03/05. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 2pp. 53042.001-53042.018.

9003160154 Notice of consideration of issuance of amend to License DPR-72 & proposed NSHC determination & opportunity for hearing. Amend expands storage capacity,increase enrichment, grants stated relief & expands Tech Spec Section 6.6.1.  
SILVER,H. Project Directorate II-2. 90/03/05. 16pp. 53042.003-53042.018.

9003150460 Forwards Rev 1 to Tech Spec Tables 3-2 & 3-3 re min margin to allowable for various components & welds in facility racks,as followup to Tech Spec Change Request 176, "Spent Fuel Pool Storage Capacity."  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 90/03/08. Document Control Branch (Document Control Desk) 2pp. 53020.008-53020.009.

9003200421 Proposed Tech Specs re min margin to allowable for various components & welds on racks.  
Florida Power Corp. (subs. of Florida Progress Corp.) 90/03/08. 2pp. 53020.010-53020.011.

9003200127 Forwards Amend 126 to License DPR-72 & safety evaluation. Amend allows use of integrating alarming dosimeters as alternative for meeting requirements for entry into high radiation area.  
SILVER,H. Project Directorate II-2. 90/03/13. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 3pp. 53068.277-53068.288.

9003200128 Amend 126 to License DPR-72,allowing use of integrating alarming dosimeters as alternative for meeting requirements for entry into high radiation area.  
BERKOW,H.N. Project Directorate II-3. 90/03/13. 6pp. 53068.280-53068.285.

9003200131 Safety evaluation supporting Amend 126 to License DPR-72.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/13. 3pp. 53069.266-53069.288.

9003220022 Application for amend to License DPR-72,consisting of Request 179,increasing mfg tolerances used in nuclear heat calculation from 1.4% to 2.0%.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 90/03/13. Document Control Branch (Document Control Desk) 8pp. 53113.107-53113.107.

9003220023 Proposed Tech Specs,increasing mfg tolerances used in hot channel factor calculation from 1.4% to 2%.  
Florida Power Corp. (subs. of Florida Progress Corp.) 90/03/13. 11p.

9003140089 Generic Ltr 80-03 to all power reactor licensees & of staff position in Generic Ltr 83-28,Item 2.2,Part 2, "Vendor Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

9003260126 Presents NRC understanding of current status of L facility per Generic Ltr 88-21.  
SILVER,H. Project Directorate II-2. 90/03/21. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 3pp. 53148.352-53148.354.

## Q. Inspection reports, IE Bulletins &amp; correspondence

9002260317 Forwards Exam Rept 50-302/OL-89-02 during wk of performance in plant control room noted.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/02. BOLLING, J. Florida Power Corp. (subs. of Florida Progress Corp.) 2pp. 52739.295-52740.004.

9002260320 Exam Rept 50-302/OL-89-02 on 891218-20. Exam errors passed exams.  
CASTO,C.A., PEEBLES,T.A. Region 2, Ofc of the Director. 52739.297-52740.024.

9002260125 Ack receipt of 900108 ltr expressing concern re bl pumps at facility regarding RI-90-A-0002 concerning unsafe equipment. Recipient will be informed of results in Insp Rept 50-302/OL-89-02.  
JENKINS,G.R. Region 2, Ofc of the Director. 90/02/06. PUTNEY, J. 52720.001-52720.001.

9002230526 Forwards Insp Rept 50-302/89-02 on 900116-19. Includes that appeared to violate NRC requirements but not cited.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/02/08. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 3pp. 52715.076-52715.078.

9002230532 Insp Rept 50-302/89-02 on 900116-19. No violations noted.occupational radioactive safety, transportation of radioactive materials, inspection of items & followup on info notices.  
GLOERSEN,W.B., POTTER,J.P. Region 2, Ofc of the Director. 52715.079-52715.088.

9003050123 Ack receipt of 900126 ltr informing NRC of steps taken in Insp Repts 50-302/89-200 & 50-302/89-24.  
EBNETER,S.D. Region 2, Ofc of the Director. 90/02/16. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 3pp. 52823.027-52823.030.

9003080289 Forwards Special Rept 80-003 reporting on steam generator inspection. Rept includes number & extent of corrosion & percent of wall thickness penetration for each individual component.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 8pp. 52852.076-52852.083.

9003090310 Forwards Insp Rept 50-302/89-32 on 891216-900116. Not cited.  
SINKULE,M.V. Region 2, Ofc of the Director. 90/02/22. BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 3pp. 52966.001-52966.003.

9003090315 Insp Rept 50-302/89-32 on 891216-900126. Non-compliance noted. Major areas inspected plant operation, controls, facility mods & licensee action on previous inspection items.  
HOLMES-RAY,P., BRADFORD,W., CRLENJAK,R. Region 2, Ofc of the Director. 8pp. 52966.004-52966.011.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52776.282-52776.282.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated with Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52776.183-52776.183.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.001.

9003150275 Comments on risk-based Insp guide for plant guidance of plant PRA Package of results of latest quantification encl.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 8pp. 53032.341-53032.348.

9002270399 NRC Info Notice 90-013, "Importance of Review & Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp. 52844.100-52844.100.

9003150038 Responds to violations noted in Insp Rept 50-302/OL-89-02. Includes administrative procedures revised & engineering evaluation performed on 880224.  
BEARD,P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 8pp. 53025.141-53025.148.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials" Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06 Consolidated Edison Co. of New York, Inc. 88pp. 52997 031-52997 094

**9003210032** Forwards Insp Rept 50-302/90-04 on 900205-09 No violations or deviations noted  
PEEBLES, T.A. Region 2, OIC of the Director. 90/03/08 BEARD, P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 53105 094-53105 114.

**-9003210037** Insp Rept 50-302/90-04 on 900205-09 No violations or deviations noted. Major areas inspected design changes, plant mode & assessment of licensee activities in functional areas of O&D & configuration mgmt control.  
SMITH, C., JAF, E. Region 2, OIC of the Director. 90/03/02 18pp. 53105 097-53105 114.

**90031010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp. 52997 095-52997 189

**9003010227** NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule" Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp. 52997 288-52998 018

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp. 52844 190-52844 298.

**9003150070** Forwards inservice Insp pump & valve program Rel of Request V-371 proposing alternate acceptance criteria requirements for IWP-4150 for fluctuations in hydraulic instrument readings  
BEARD, P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 90/03/07. Document Control Branch (Document Control Desk). 3pp. 53020 192-53020 194.

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52963 098-52963 189.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp. 52963 200-52963 298

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp. 52963 300-52964 048

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp. 52997 190-52997 287.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 98pp. 53035 129-53035 228

**9003180224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp. 53166 057-53166 147

**9003180306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp. 53132 061-53132 100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 108.

#### R. Periodic operating reports & related correspondence

**9003150304** "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1989, Crystal River Unit 3." W/900227 ltr.  
JOHNSON, S.A., BOLDT, G. Florida Power Corp. (subs. of Florida Progress Corp.). 89/12/31. 52pp. 53022 258-53022 310.

**9003090454** Forwards 1989 annual rept of personnel exposure in accordance w/ 10CFR20.407 & Tech Spec 6.9.1.5 (a) & annual rept of facility changes, tests & experiments in accordance w/ 10CFR50.59  
BOLDT, G. Florida Power Corp. (subs. of Florida Progress Corp.). 90/02/27. Document Control Branch (Document Control Desk). 1p. 52984 243-52984 257.

**-9003090455** "Whole Body Exposure for CY89." \* Florida Power Corp. (subs. of Florida Progress Corp.). 89/12/31. 5pp. 52984 244-52984 246.

**-9003090456** "Annual Rept of Facility Changes, Test & Experiments for 1989."

#### S. Reportable occurrences, LERs & related correspondence

**9003010465** LER 90-001-00 on 900221 RCS leakage calculations indicated that unidentified leakage exceeded Tech Spec limits. Caused by failed packing on block valve. Valve repacked during Feb 1990 maint outage W/900221 ltr.  
MOFFATT, L.W., BOLDT, G. Florida Power Corp. (subs. of Florida Progress Corp.). 90/02/21. 5pp. 52785 023-52785 027.

**9003010469** Special Rept 90-02 on 900122, plant shutdown initiated due to unidentified leakage in RCS. Dose equivalent iodine exceeded Tech Spec limit. Sampling & analysis of RCS continued at 4 h intervals until iodine decreased to below Tech Spec level.  
BOLDT, G. Florida Power Corp. (subs. of Florida Progress Corp.). 90/02/21. Document Control Branch (Document Control Desk). 6pp. 52771 314-52771 319.

**9003120765** Supp's 900213 10CFR21 rept re chilled water sys operation. Evaluation of Crystal River determined that postulated high energy line break in intermediate bldg may be sub. to steam loads higher than normal loads causing rising water temp.  
VAUGHAN, H.E. Grihart/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 90/02/27. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52999 219-52999 219.

**9003200100** Part 21 rept re several failures of Fairbanks Morse Engine C.V. piston pins/bushings on upper pistons. Caused by incorrect surface pattern on piston pins. Piston pins under listed purchase orders to be removed & replaced.  
REDER, T.J. Colt Industries, Inc. 90/03/07 Region 3, OIC of the Director. 3pp. 53078 287-53078 289.

**9003260333** LER 90-002-00 on 900216, determined that fire dampers may not be operable under expected ventilation flow conditions due to design error. Caused by failure of original design criteria to address need. Document on updated W/900319 ltr.  
MOFFATT, L.W., BOLDT, G.L. Florida Power Corp. (subs. of Florida Progress Corp.). 90/03/19. 6pp. 53144 138-53144 143.

#### V. Operator Examinations

**9002260317** Forwards Exam Rept 50-302/OL-89-02 during wk of 891218. Operator performance in plant control room noted.  
PEEBLES, T.A. Region 2, OIC of the Director. 90/02/02. BOLDT, G.L. Florida Power Corp. (subs. of Florida Progress Corp.). 2pp. 52739 235-52740 038.

**-9002260320** Exam Rept 50-302/OL-89-02 on 891218. 20 Exam results three senior operators passed exams.  
CASTO, C.A., PEEBLES, T.A. Region 2, OIC of the Director. 90/02/02. 105pp. 52739 287-52740 024.

**-9002260341** Forwards review of technical content of 891218 senior reactor operator exam.  
KELLY, L.C. Florida Power Corp. (subs. of Florida Progress Corp.). 89/12/19. CASTO, C. Region 2, OIC of the Director. 13pp. 52740 025-52740 038.

**9003150068** Discusses research project on training-related performance indicators per NRC 891214 ltr & 900115 meeting. UI believes performance indicators valuable mgt tools & will continue to work w/appropriate industry groups to refine tools.  
BEARD, P.M. Florida Power Corp. (subs. of Florida Progress Corp.) 90/03/07. Document Control Branch (Document Control Desk). 2pp. 53025 093-53025 094.

#### DOCKET 50-304 ZION NUCLEAR POWER STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

**9003050114** Rev 1 to EPIP 210-1, "Operational Support Ctr Supervisor." \* Commonwealth Edison Co. 89/11/13. 6pp. 52823 088-52823 073.

**9003050033** Rev 3 to EPIP E-EOF-18, "Communicator." \* CARSON, R.L. Commonwealth Edison Co. 89/11/29. 22pp. 52825 088-52825 089.

**9003050126** Change Request A-89-675 to Rev 1 to EPIP 370-3, "Offsite Transportation Accident Response." \* Commonwealth Edison Co. 89/11/20. 10pp. 52823 052-52823 061.

**9003160172** Revised EPIPs, consisting of EPIP 100-1 & EPIP 110-1 W/ revised index. \* Commonwealth Edison Co. 90/01/11. 26pp. 53036 258-53036 261.

**9003090071** Revised EPIPs, including Rev 4 to ED-4, Rev 7 to ED-19, Rev 3 to ED-21, Rev 5 to ED-24, Rev 5 to ED-30, Rev 2 to ED-31 & Rev 6 to ED-28.  
FERGUSON, B.S. Commonwealth Edison Co. 90/02/21. 87pp. 52950 190-52950 286.

**9003080022** Forwards response to Safeguards Insp Repts 50-285/89-41 & 50-304/89-37 on 900102-05 Encl withheld (ref 10CFR73.21).  
KOVACH, T.J. Commonwealth Edison Co. 90/02/23. DAVIS, A.B. Region 3, OIC of the Director. 1p. 52823 020-52823 020.

**9003160208** Change Request A-90-102 to revised EPIP 320-1, "Activation of Generating Station Emergency Plan Station Group." W/ revised index. \* Commonwealth Edison Co. 90/02/28. 14pp. 53036 242-53036 255.

**9003260130** Rev 7 to EPIP EG-2, "Use of Commonwealth Edison Co & IDNS Monitoring Maps." W/six oversize drawings.  
MOLKEIR, A.J. Commonwealth Edison Co. 90/03/12. 9pp. 53189 161-53189 170.



# P. Operating license stage documents & correspondence

9002260361 Forwards safety evaluation accepting VIRE/WRB-1 DNR Thermal Limit for Westinghouse Optimized Fuel Assembly Fuel Thermal Limit of 1.187 acceptable  
PATEL,C.P. Project Directorate III-2 90/02/13 KOVACH,T.J. Commonwealth Edison Co. 3pp 52739 126-52739 132

-9002260362 Safety evaluation re VIRE/WRB-1 DNR Thermal Limit for Westinghouse Optimized Fuel Assembly Fuel Thermal Limit of 1.187 acceptable  
Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/13 3pp 52739 130-52739 132

9002270408 Forwards notice of withdrawal of application for amendments to Licenses DPR-39 & DPR-48 per 891121 request Change would have modified plant Tech Specs re containment purge & vent operations  
PATEL,C.P. Project Directorate III-2 90/02/14 KOVACH,T.J. Commonwealth Edison Co. 3pp 52759 324-52759 328

-9002270413 Notice of withdrawal of 660221 application for amendments to Licenses DPR-39 & DPR-48 reving Tech Specs to impose restrictions on containment purge & vent operations  
PATEL,C.P. Project Directorate III-2 90/02/14 2pp 52759 327-52759 328

9002260559 Suppls 630731,0915,1030 & 1215 responses re employees notifying NRC of potential safety issues Labor settlement agreements for ut. personnel did not reveal any restrictive clauses that would hinder employees from notifying NRC  
RICHTER,M.H. Commonwealth Edison Co. 90/02/15 Project Directorate III-2 2pp 52753 307-52753 308

9002230334 Forwards SSER re compliance w/ATWS Rule (10CFR50.62) for plant Review on sub closed.  
PATEL,C.P. Project Directorate III-2 90/02/20 KOVACH,T.J. Commonwealth Edison Co. 3pp 52715 203-52715 209

-9002230338 SSER accepting compliance w/ATWS rule 10CFR50.62 Staff statements contained in conclusion of original SER re completion of noted human factors engineering reviews still valid.  
NRC - No Detailed Affiliation Given 90/02/20 4pp 52715 206-52715 209

9003090142 Forwards proprietary & nonproprietary Rev 0 to NFRS 0069, "Transient Analysis Envelope for Zion Units 1 & 2" Proprietary re withheld (10CFR12.790)  
CHRZANOWSKI,R. Commonwealth Edison Co. 90/02/27 MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 2pp 52566 015-52566 202

-9003090157 Requests withholding of proprietary Rev 0 to NFRS 0069, "Transient Analysis Envelope for Zion Units 1 & 2" from public disclosure ref (10CFR12.790)  
WIESEMAN,N.R.A. Westinghouse Electric Corp. 90/02/09 MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 12pp 52566 017-52566 028

-9003090165 Nonproprietary Rev 0 to "Transient Analysis Envelope for Zion Units 1 & 2"  
TAYLOR,D. K.M.H. TSAI,R. Commonwealth Edison Co. NFRS-0069 R00 88/11/21 174pp 52066 029-52066 202

9003120468 Withdraws 891031 & 881208 Tech Spec amendments until w/b making new requests for Tech Spec amendments in future ut using new guidelines to assure that submittals meet improved aids  
CHRZANOWSKI,R. Commonwealth Edison Co. 90/02/27 MURLEY,T.E. Document Control Branch (Document Control Desk) 1p 53007 124-53007 124

9003140371 Documents basis for request for temporary waiver of compliance w/diesel generator operability requirements Results of investigation will be discussed w/ Region III personnel if diesel generator returned to operable status.  
CHRZANOWSKI,R.A. Commonwealth Edison Co. 90/03/02 DAVIS,A.B. Region 3, Ofc of the Director. 29pp 53024 112-53024 140

9003200336 Ack receipt of 900302 ltr documenting request for waiver of compliance re requirement of 600229 confirmatory order that addresses emergency diesel generator operability.  
DAVIS,A.B. Region 3, Ofc of the Director. 90/03/05 REED,C. Commonwealth Edison Co. 3pp 53075 163-53075 196

9003160063 Grants request for extension to waiver of compliance granted on 900302 to permit reactor to remain in hot shutdown to continue troubleshooting/repair of diesel generator O & to fast safety-related sys Cool-down will commence on 900312.  
DAVIS,A.B. Region 3, Ofc of the Director. 90/03/07 REED,C. Commonwealth Edison Co. 2pp 53039 238-53039 242

-9003160073 Requests extension of temporary waiver of compliance for addl 144 h to permit reactor to remain in hot shutdown while troubleshooting/repairing diesel generator O & performing special leak rate testing  
SCHUSTER,T.K. Commonwealth Edison Co. 90/03/07 DAVIS,A.B. Region 3, Ofc of the Director. 3pp 53038 240-53038 242

9003210137 Confirms temporary waiver of compliance extension request made on 900308 for "O" diesel generator operability requirements Request for extension of time & course of action approved  
SCHUSTER,T.K., CHRZANOWSKI,R. Commonwealth Edison Co. 90/03/07 DAVIS,A.B. Region 3, Ofc of the Director. 3pp 53105 116-53105 118

9003220064 Confirms 900305 conversation between TO Martin & K Graesser re problems associated w/emergency diesel generators.NRC concerned w/overall number & types of failures experienced. Meeting scheduled for 900330 to address findings.  
MILLER,H.J. Region 3, Ofc of the Director. 90/03/09 REED,C. Commonwealth Edison Co. 2pp 53112 359-53112 380

9003220250 Forwards response to request for addl info re degraded Tube R1C55 in Steam Generator A ATHOS 3-D T&H analysis used to obtain calculated velocities for same test conditions  
CHRZANOWSKI,R. Commonwealth Edison Co. 90/03/13 MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 6pp 53123 018-53123 026

9003210028 Forwards R Liccardo 900306 memo to J Taylor & T Murley re Liccardo comments on repts by independent review committee for differing prof opinion & stand ing review panel for differing prof view.  
SMITH,H. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/19 LANHAM,D. Document Control Branch (Document Control Desk) 1p 53111 329-53111 329

-9003210031 Forwards "Summary Evaluation by RBA Liccardo of Review Prof View & Differing Prof Opinion Concerning (A) Zion Isolation Valves & (B) Methodology Used for Calculating Offsite LCCARD,R.B. NRC - No Detailed Affiliation Given 90/03/19 The Executive Director for Operations MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 3pp 53111 235-53111 297

-9003210034 "Summary Evaluation of RBA Liccardo of Review Prof View & Differing Prof Opinion Concerning (A) Zion 1/2 Core Valves & (B) Methodology Used for Calculating Offsite Dose"  
LICCARD,R.B. NRC - No Detailed Affiliation Given 90/03/19 53111 239

9003140089 General Ltr 90-03 to all power reactor licensees & of staff position in General Ltr 83-28, Item 2.2 Part 2. "Vendor Related Components" Svc list encl  
PARTLOW,J.G. Associate Director for Projects (Post 870411) ed Edison Co. of New York, Inc. 55pp 53195 014-53195 009

## G. Inspection reports, IE Bulletins & correspondence

9002260262 Forwards Final SALP R Repts 50-295/89 01 & 50-295/89 02 Sept 1989 rev sheet revised pages & 900125 ltr.  
DAVIS,A.B. Region 3, Ofc of the Director. 90/02/09 REED,C. Co. 2pp 52736 231-52736 284

-9002260283 Cover page of final SALP Repts 50-295/89 01 & 50-295/89 02 Sept 1989 & summary of 900104 meeting w/ util  
Region 3, Ofc of the Director. 90/02/09 2pp 52738 231-52738 284

-9002260290 Rev to SALP Repts 50-295/89 01 & 50-295/89 02 Sept 1989  
Region 3, Ofc of the Director. 90/02/09 3pp 52738 235-52738 284

-9002260293 Forwards response to SALP R rept for Janu 1989  
KOVACH,T.J. Commonwealth Edison Co. 90/01/25 DAVIS,A.B. Region 3, Ofc of the Director. 27pp 52739 230-52739 284

9003020182 Responds to open items noted in Insp Repts 50-220/89 07 0804 re need for offsite vendor analysis Secur & TMA/Normal lake discharge sample analysis repts encl  
JOYCE,T.P. Commonwealth Edison Co. 90/02/10 DAVIS,A.B. Region 3, Ofc of the Director. 3pp 52798 240-52798 262

9002270225 Discusses util response to Bulletin 88-003, "Inadequate HFA Type Latching Relays Mfg by GE" Actions considered  
PATEL,C.P. Project Directorate III-2 90/02/14 KOVACH,T.J. Co. 3pp 52758 260-52758 282

9003020007 Responds to concerns noted in Insp Repts 50-245/88 15 50-455/88 15 50-237/88 20 50-249/88 21 22 50-264/88 22 50-205/88 22 50-205/88 17 & 50-304/88 17  
KOVACH,T.J. Commonwealth Edison Co. 90/02/15 DAVIS,A.B. Region 3, Ofc of the Director. 2pp 52798 248-52798 249

9002160093 NRC Info Notice 90-010, "Primary Water Stress Testing 600" Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 89pp 52776 262-52776 262

9003000022 Forwards response to Safeguards Insp Repts 50-37 on 900102-05 End withheld (ref 10CFR73.21)  
KOVACH,T.J. Commonwealth Edison Co. 90/02/23 DAVIS,A.B. Region 3, Ofc of the Director. 1p 52823 020-52823 020

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated Valves." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 89pp 52776 163-52776 163

9002230376 NRC Info Notice 90-012, "Monitoring or Interruptions." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 89pp 52844 001-52844 001

9003090010 Confirms 900330 mgt meeting w/util in Region II plant performance improvement program  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/02/28 Edison Co. 1p 52845 345-52845 345

9003050176 Partial response to FOIA request for records Applicable in PDR  
PHILIPS,J.D. Division of Freedom of Information & Public Access 90/03/01 PEPPERMAN,D.R. Blecher & Collins 2p

-9003160653 Forwards response to IE Bulletin 78-10, "B Shock Suppressor Accumulator Spring Coils" No Bergen Plant at Dresden,Zion,LaSalle County,Byron or Braidwood facilities  
REED,C. Commonwealth Edison Co. 78/08/08 KEPLER,J. 810228) 10pp 52794 104-52794 113

9003130319 Responds to 900131 notice of violation & proposal in amount of \$100,000 Corrective actions: task force initiating dept developed training course for preparation of evaluation  
KOVACH,T.J. Commonwealth Edison Co. 90/03/02 Ofc of the Director. 6pp 52995 219-52995 224

9002270399 NRC Info Notice 90-013, "Importance of Review Event Logs." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 89pp 52844 100-52844 100



**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729).  
90/03/06 Consolidated Edison Co. of New York, Inc. 88pp. 52987 001-52987 094

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729).  
90/03/07 Consolidated Edison Co. of New York, Inc. 95pp. 52987 005-52987 189.

**9003010227** NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52987 289-52988 018

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp. 52844 189-52844 298

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52863 098-52863 199

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 100pp. 52863 200-52863 299

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosomount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp. 52963 300-52964 048

**9003220208** EN-90-037 on 900314, notice of violation & proposed civil penalty in amount of \$50,000 issued to licensee. Action based on lack of mgt oversight for licensed operator training program.  
TROSKOSKI, W., LIEBERMAN, J. Ctr of Enforcement (Post 870413). 90/03/09. 1p. 53126 165 53126 165

**9003190345** Forwards Safety Insp Repts 50-295/89-37 & 50-304/89-33 on 900206 26 & notice of violation.  
GREGER, L.R. Region 3, Ctr of the Director. 90/03/12 REED, C. Commonwealth Edison Co. 2pp. 53067 225-53067 240.

**-9003190348** Notice of violation from insp on 900206-26. Violations noted: failure to comply w/low level radwaste burial facility requirements & failure to maintain integrity of radwaste shipping container.  
GREGER, L.R. Region 3, Ctr of the Director. 90/03/12 2pp. 53067 227-53067 228.

**-9003190348** Insp Repts 50-295/89-37 & 50-304/89-33 on 900206 26. Violations noted: Major areas inspected recent radwaste/radioactive mail transportation events & followup on allegations re nuclear general employee training program.  
GILL, C.F., SNELL, W. Region 3, Ctr of the Director. 90/03/12 12pp. 53067 229-53067 240.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vent for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp. 52997 100-52997 287

**9003220290** Discusses Insp Repts 50-295/89-40 & 50-304/89-38 on 891121, 1213-15 & 900105 & forwards notice of violation & proposed imposition of civil penalty.  
DAVIS, A.B. Region 3, Ctr of the Director. 90/03/14. O'CONNOR, J.J. Commonwealth Edison Co. 4pp. 53147 001-53147 015.

**-9003220291** Notice of violation & proposed imposition of civil penalty in amount of \$50,000. Violations noted: failure to establish adequate requalification program.  
DAVIS, A.B. Region 3, Ctr of the Director. 90/03/14. 3pp. 53147 005-53147 015.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035 129-53035 226.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168 057-53168 147.

**9003160308** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132 100.

**9003160349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosomount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 108.

#### R. Periodic operating reports & related correspondence

**9002280219** "Effluent & Waste Disposal Semiannual Rept 1989." W/900221 ltr.  
\* Commonwealth Edison Co. 89/12/31. 33pp. 52761 096-52761 128.

**9003060160** "Zion Nuclear Power Station Annual Rept for 1989." W/900221 ltr.  
JOYCE, T.P. Commonwealth Edison Co. 89/12/31. 21pp. 52848 153-52848 173.

**9003090471** Forwards occupational radiation exposure portions of plant operating repts for 1989.  
RESCEK, F. Commonwealth Edison Co. 90/02/20. DAVIS, A.B. Region 3, Ctr of the Director. 1p. 52966 208-52966 218.

**-9003090484** "Number of Personnel & Personnel Rem by Work & Job Function for 1989." W/900202 ltr.  
JOYCE, T.P. Commonwealth Edison Co. 89/12/31. DAVIS, A.B. Region 3, Ctr of the Director. 2pp. 52966 211-52966 212

**9003020008** Forwards errata data for radioactive effluent rept for Jan-June 1989 & solid radwaste rept for Jul-Dec 1988.  
JOYCE, T.P. Commonwealth Edison Co. 90/02/21. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 52800 298-52800 308

**-9003020009** "Effluent & Waste Disposal Semiannual Rept 1989 Liquid Effluents-Summary of All Releases." \* Commonwealth Edison Co. 89/08/30. 6pp. 52860 302-52860 307

**-9003020010** Errata data re solid radwaste for month of Sept 1988 to Jul-Dec 1988 rept.  
\* Commonwealth Edison Co. 88/12/31. 1p. 52800 309-52800 308.

**9003210263** Monthly operating rept for Feb 1989 for: 2 on Units 1 & 2 W/ 900309 ltr.  
THOMAS, J., JOYCE, T.P. Commonwealth Edison Co. 90/02/26. 12pp. 53112 148-53112 159.

#### S. Reportable occurrences, LERs & related correspondence

**9003160338** PNO-III 90-014 on 900301, reactors shut down to repair swing emergency diesel generator (EDG) declared inoperable on 900225 after failing surveillance test EDG. In test again after repairs completed. Root cause of failure undetermined.  
SHAFFER, W., CLAYTON, B. Region 3, Ctr of the Director. 90/03/02. 1p. 53035 274-53035 274

**9003260163** LER 90-002 00 on 900129, intumescence sample could not be obtained from auxiliary bag vent release point. Caused by lack of procedural instruction when samples cannot be obtained by current procedural method. W/900319 ltr.  
DOIL, C., JOYCE, T.P. Commonwealth Edison Co. 90/03/19. 3pp. 53144 120-53144 131

#### U. Congressional/Executive Correspondence

**9003090324** Partial response to FOIA request for documents listed App B documents enclosed. Apps A & B documents available in PDF.  
PRILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52990 252-52990 264.

**-9003120243** Forwards preliminary rept published by NRC to determine whether practical measures for mitigating consequences of core-melt accidents would contribute to plant safety of plants W/o oral.  
KAMMERER, C. Office of Congressional Affairs (Pie 870413). 81/12/17. OTTINGER, R.L. House of Rep. Energy & Commerce. 1p. 52890 318-52890 318.

#### DOCKET 50-305 KEWAUNEE NUCLEAR POWER PLANT

#### F. Security, medical, emergency & fire protection plans

**9002260453** Suppl response to NRC 890725 ltr re safeguards info violation noted in Insp Rept 50-305/89 08. Corrective action. Section V of General Employee Training Manual "Security" removed.  
EVERS, K.H. Wisconsin Public Service Corp. 90/02/18. Document Control Branch (Document Control Desk). 4pp. 52711 131-52711 134

**9003010485** Revised EIPs, including Rev O to EIP APPX-A-1, Rev T to APPX-A-2, Rev W to APPX-A-3, Rev S to APPX-A-4, Rev U to APPX-A-5, Rev A to APPX-A-7 & index W/900220 ltr.  
EVERS, K.H. Wisconsin Public Service Corp. 90/02/20. 31pp. 52781 129-52781 159.

**9003120257** Forwards Safeguards Insp Rept 50-305/90 02 on 900116-29 & notice of violation. Notice withheld (ref 10CFR73.21).  
GREGER, L.R. Region 3, Ctr of the Director. 90/02/23. EVERS, K.H. Wisconsin Public Service Corp. 2pp. 52974 195-52974 198.

**-9003120266** Partially withheld Physical Security Insp Rept 50-305/90 02 on 900116-29 (ref 10CFR73.21). Violations noted: Major areas inspected mgt support, security program plans & audits & protected & vital area physical barriers.  
MADERA, J.H., CREED, J.R. Region 3, Ctr of the Director. 90/02/22. 2pp. 52974 197-52974 190.

#### J. Insurance & Indemnity Information

**9003120025** Responds to Generic Ltr 90-01 re request for voluntary participation in NRC Regulatory Impact Survey. Completed questionnaires containing info re NRC team insps, other NRC insps, NELIA insps & state/local insps encl.  
EVERS, K.H. Wisconsin Public Service Corp. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 52974 004-52974 013

#### P. Operating license stage documents & correspondence

**9002220448** Forwards notice of consideration of issuance of amend to License DPR-43 & proposed NSHC determination & opportunity for hearing on 900129 request to decrease refueling shutdown margin to greater than or equal to 5% delta K/K.  
DAVIS, M.J. Project Directorate III-3. 90/02/07. EVERS, K.H. Wisconsin Public Service Corp. 2pp. 52705 282-52705 302.

**-9002220450** Notice of consideration of issuance of amend to License DPR-43 & proposed NSHC determination & opportunity for hearing. Amend decreases refueling shutdown margin to greater than or equal to 5% delta K/K.  
HANNON, J.N. Project Directorate III-3. 90/02/07. 9pp. 52705 294-52705 302.

**9002260342** Suggests topics for Regional NRC/Licensee Info Conference, per Davis 900117. Ir requesting suggestions  
EVERS,K.H. Wisconsin Public Service Corp. 90/02/12. GREENMAN,E.G. Region 3, Ofc of the Director. 1p. 52721.001-52721.002.

**9002260378** Application for Proposed Amend 91 to License DPR-43, removing Tech Specs re RCS leak testing & weld exam requirements & requirement of cold shutdown following long-term loss of one train of component cooling water or svc water sys.  
STEINHART,C.R. Wisconsin Public Service Corp. 90/02/19. Document Control Branch (Document Control Desk) 18pp. 52725.166-52725.201.

**-9002260509** Proposed Tech Specs re RCS leak testing & weld exam requirements & requirement of cold shutdown following long-term loss of one train of component cooling water or svc water sys.  
\* Wisconsin Public Service Corp. 90/02/19. 18pp. 52725.184-52725.201.

**9003090451** Informs that revised listed drawings sent to Region III for filing  
EVERS,K.H. Wisconsin Public Service Corp. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52964.242-52964.242.

**9003120025** Responds to Generic Ltr 90-01 re request for voluntary participation in NRC Regulatory Impact Survey. Completed questionnaires containing info re NRC team insps, other NRC insps, NELIA insps & state/local insps encl.  
EVERS,K.H. Wisconsin Public Service Corp. 90/03/01. Document Control Branch (Document Control Desk) 10pp. 52974.004-52974.013.

**9003140355** Trip repl of 900131 visit to Kewaunee site re official introduction of M Davis & L Danie's as new project manager. (PM) & backup PM, respectively.  
DAVIS,M.J. Project Directorate III-3. 90/03/07. HANNON,J.N. Project Directorate III-3. 4pp. 53000.320-53000.323.

**9003150158** Responds to 900226 ltr providing assurance that plant control room ventilation sys as currently configured & operated, capable of fulfilling design functions & meets NUREG-0737. Recommends that margin of safety be provided.  
DAVIS,M.J. Project Directorate III-3. 90/03/07. EVERE,K.H. Wisconsin Public Service Corp. 5pp. 53047.190-53047.194.

**9003150148** Forwards list of unimplemented USIs for facility, per Generic Ltr 89-21, including A-44 re station blackout, A-46 re seismic qualification of equipment in operating plants & A-47 re safety implications of control sys in LWRs.  
DAVIS,M.J. Project Directorate III-3. 90/03/08. EVERE,K.H. Wisconsin Public Service Corp. 4pp. 53032.248-53032.251.

**9003190198** Forwards safety evaluation concluding that procedures generation package needs to be reviewed to address programmatic improvements re writers guide. Results of Insp Rept 50-305/89-12 should be utilized in review.  
DAVIS,M.J. Project Directorate III-3. 90/03/08. EVERE,K.H. Wisconsin Public Service Corp. 4pp. 53047.240-53047.260.

**-9003190202** SER concluding that procedures generation package needs to be reviewed to address programmatic improvements in area of writers guide in order to develop high quality emergency operating procedures.  
\* NRC - No Detailed Affiliation Given. 90/03/08. 17pp. 53047.244-53047.260.

**9003150282** Requests approval for use of Alloy 680 steam generator tube plugs per 10CFR50.55a(9)(3).  
EVERS,K.H. Wisconsin Public Service Corp. 90/03/03. Document Control Branch (Document Control Desk) 1p. 53018.283-53018.283.

**9003220271** Forwards add'l justification for deviation from Reg Guide 1.07 recommendation for Category 1 qualified wide-range level instrumentation re accident monitoring. Add'l info re isolation devices requested by 900125 telcon also encl.  
EVERS,K.H. Wisconsin Public Service Corp. 90/03/15. Document Control Branch (Document Control Desk) 26pp. 53113.131-53113.156.

**9003230243** Forwards Amend 85 to License DPR-43 & safety evaluation. Amend decreases refueling shutdown margin from greater than or equal to 10% delta K/K to greater than or equal to 5% delta K/K.  
DAVIS,M.J. Project Directorate III-3. 90/03/19. EVERE,K.H. Wisconsin Public Service Corp. 3pp. 53146.104-53146.117.

**-9003230244** Amend 85 to License DPR-43, decreasing refueling shutdown margin from greater than or equal to 10% delta K/K to greater than or equal to 5% delta K/K.  
HANNON,J.N. Project Directorate III-3. 90/03/19. 8pp. 53146.107-53146.114.

**-9003230245** Safety evaluation supporting Amend 85 to License DPR-43.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/19. 3pp. 53146.115-53146.117.

**9003270354** Responds to Generic Ltr 89-19 re resolution of USI A-47, "Safety Implications of Control Sys in LWR Nuclear Power Plants." Overfill protection sys sufficiently separate from control portion of main feedwater control sys.  
STEINHART,C.R. Wisconsin Public Service Corp. 90/03/19. Document Control Branch (Document Control Desk). 11pp. 53192.101-53192.111.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### O. Inspection reports, IE Bulletins & correspondence

**9002270161** Forwards Safety Insp Rept 50-305/89-19 on 891217-900127 & notice of violation  
KNOP,R.C. Region 3, Ofc of the Director. 90/02/13. EVERE,K.H. Wisconsin Public Service Corp. 2pp. 52749.113-52749.123.

**-9002270163** Notice of violation from Insp on 891217-900127 Violation noted. OC Insp points not properly identified prior to commencement of maint activities on 900110.  
KNOP,R.C. Region 3, Ofc of the Director. 90/02/13. 1p. 52749.116-52749.116.

**-9002270166** Insp Rept 50-305/89-19 on 891217-900127 Violation noted. Major areas inspected routine unannounced Insp by resident inspectors of operational safety, onsite followup of events, surveillance & maint.  
HAGUE,R.L. Region 3, Ofc of the Director. 90/02/13. 8pp. 52749.116-52749.123.

**9002260351** Discusses closeout of NRC Bulletin 88-010 re no circuit breakers per wlt 800331 response. Response confirms to address issues discussed in bulletin performed.  
DAVIS,M.J. Project Directorate III-3. 90/02/15. EVERE,K.H. Corp. 3pp. 52739.115-52739.117.

**9002260453** Suppl response to NRC 890725 ltr re safeguard Insp Rept 50-305/89-09 Corrective action: Section V of G Manual "Security" removed  
EVERE,K.H. Wisconsin Public Service Corp. 90/02/19. Document Control Desk. 4pp. 52711.131-52711.134.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Control 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 99pp. 52776.282).

**9003120257** Forwards Safeguards Insp Rept 50-305/89-02 re violation Notice withhold (ref 10CFR73.21).  
GREGER,L.R. Region 3, Ofc of the Director. 90/02/23. EVERE,K.H. Wisconsin Public Service Corp. 2pp. 52974.195-52974.198.

**-9003120266** Partially withheld Physical Security Insp Rept 50-305/89-02 re violation Notice withhold (ref 10CFR73.21). Violations noted. Major areas inspected, mg plans & audits & protected & vital area physical barriers.  
MADERA,J.R., CREED,J.R. Region 3, Ofc of the Director. 9. 52974.198.

**9002230283** NRC Info Notice 90-011, "Maint Deficiency Associated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 99pp. 52776.163).

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Safety Systems." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 99pp. 52844.001).

**9003120025** Responds to Generic Ltr 89-01 re request for NRC Regulatory Impact Survey. Completed questionnaires containing info re NRC team insps, other NRC insps, NELIA insps & state/local insps encl.  
EVERE,K.H. Wisconsin Public Service Corp. 90/03/01. Document Control Branch (Document Control Desk) 10pp. 52974.004-52974.013.

**9002270399** NRC Info Notice 90-013, "Importance of Review of Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 99pp. 52844.100).

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Material." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Regulation (Consolidated Edison Co. of New York, Inc. 88pp. 52844.100).

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Control Directors Before Beginning Work in Agreement." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Regulation (Consolidated Edison Co. of New York, Inc. 95pp. 52844.100).

**9003010227** NRC Info Notice 90-016, "Compliance With New York State Law." Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Management (Consolidated Edison Co. of New York, Inc. 88pp. 52844.100).

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 100pp. 52844.100).

**9003150455** Forwards Insp Rept 50-305/89-18 on 900108-12 noted.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/03/07. 3pp. 53030.254-53030.264.

**-9003160456** Insp Rept 50-305/89-18 on 900108-12 noted. Major areas inspected: SSFI of station & instrument and sys. Inspector determinations listed.  
YIN,I.T., PHILLIPS,M.P. Region 3, Ofc of the Director. 90/03/07. 3pp. 53030.264.

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity of Vessel Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 104pp. 52983.05).

**9003190198** Forwards safety evaluation concluding that procedures generation package needs to be reviewed to address programmatic improvements re writers guide. Results of Insp Rept 50-305/89-12 should be utilized in review.  
DAVIS,M.J. Project Directorate III-3. 90/03/08. EVERE,K.H. Corp. 4pp. 53047.240-53047.260.

**9003050043** NRC Info Notice 90-018, "Potential Problems with Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 100pp. 52983.20).

**9003050148** NRC Bulletin 90-001, "Loss of Fill Oil in Transmission System." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 109pp. 52983.30).

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effluent Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Consolidated Edison Co. of New York, Inc. 98pp. 52987.10).

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 8ppp 53035-129-53035-226.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Redwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22. Consolidated Edison Co. of New York, Inc. 81pp 53166-057-53166-147.

**9003160306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/22. Consolidated Edison Co. of New York, Inc. 103pp 53132-031-53132-100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

**9003060438** "1989 Annual Operating Rept." W/900228 ltr.  
EVERS,K.H. Wisconsin Public Service Corp. 89/12/31. 148pp 52929-042-52929-150.

**9003160219** Monthly operating rept for Feb 1990 for Kewaunee Nuclear Power Plant W/900309 ltr.  
RUITER,G.H., EVERS,K.H. Wisconsin Public Service Corp. 90/02/28. 5pp 53036-155-53036-159.

**9003080082** Forwards "Semiannual Effluent Release Rept for Jul-Dec 1989." Dec 1989 proportional composites for gross alpha Sr-89,Sr-90 & I-55 unavailable at time rept written. Supplemental rept will be sent when values available.  
EVERS,K.H. Wisconsin Public Service Corp. 90/03/01. Document Control Branch (Document Control Desk). 1p 52892-160-52892-141.

**9003140016** "Semiannual Effluent Release Rept for Jul-Dec 1989."  
\* Wisconsin Public Service Corp. \* Wisconsin Power & Light Co. \* Madison Gas & Electric Co. 89/12/31. 40pp 52892-101-52892-141.

**9003220001** Forwards Rev A to "Semiannual Radioactive Effluent Release Rept Jul-Dec 1989."  
EVERS,K.H. Wisconsin Public Service Corp. 90/03/14. Document Control Branch (Document Control Desk). 1p 53113-264-53113-274.

**9003220019** Rev A to "Semiannual Radioactive Effluent Release Rept Jul-Dec 1989."  
\* Wisconsin Public Service Corp. 89/12/31. 10pp 53113-265-53113-274.

## DOCKET 60-306 PRAIRIE ISLAND NUCLEAR STATION, UNIT 2

## F. Security, medical, emergency & fire protection plans

**9003060322** Forwards Rev 22 to security plan & advises that changes do not decrease effectiveness of plant security plan & may be implemented w/o prior NRC review & approval Rev will be held (ref 10CFR173.21).  
PARKER,T.M. Northern States Power Co. 90/02/26. Office of Nuclear Reactor Regulation, Director (Post 870411) 2pp 52823-021-52823-022.

**9003090266** Revised ERPs,including Rev 57 to F3 & Rev 11 to F3-2. W/900228 ltr.  
FEY,F.L. Northern States Power Co. 90/02/28. 73pp 52947-091-52947-165.

**9003200407** Revised ERPs,including Rev 58 to F3,Rev 8 to F3-6 & Rev 4 to F3-9. W/900312 ltr.  
FEY,F.L. Northern States Power Co. 90/03/12. 47pp 53071-293-53071-339.

**9003210180** Advises that response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs," complete.  
DIANNI,D.C. Project Directorate III-1. 90/03/12. PARKER,T.M. Northern States Power Co. 3pp 53112-040-53112-042.

**9003260188** Responds to Generic Ltr 89-15 re emergency response data sys. Emergency response data sys will be connected & available in 1991 at Prairie Island & in 1992 at Monticello.  
PARKER,T.M. Northern States Power Co. 90/03/14. Document Control Branch (Document Control Desk). 1p 53189-067-53189-067.

## I. Financial Information

**9003090501** "Northern States Power 1989 Annual Rept." W/000305 ltr.  
HOWARD,J.J. Northern States Power Co. 89/12/31. 49pp 52962-062-52962-120.

**9003200106** Forwards "Financial & Statistical Info." as suppl to "1989 Annual Rept to Shareholders of Northern States Power Co."  
ISDAHL,J. Northern States Power Co. 90/03/14. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p 53077-283-53077-303.

**9003230064** "Financial & Statistical Info." suppl to "1989 Annual Rept to Shareholders of Northern States Power Co."  
\* Northern States Power Co. 89/12/31. 20pp 53077-284-53077-303.

## P. Operating license stage documents & correspondence

**9002160171** Identifies licensees requesting delays in submitting individual plant exam results.  
TAYLOR,J.M. Ofc of the Executive Director for Operations. SECY-90-039. 90/02/07. 4pp 53045-355-53045-358.

**9003090221** Forwards Rev 0 to "Effluent Semiannual Rept,Jul-Dec 1989, Supplemental Info." amend to "Effluent & Waste Disposal Semiannual Rept for First Half of 1989" & Rev 11 to "ODCM." Analyses for Sr-89 & Sr-90 will be included in next rept.  
FEY,F.L. Northern States Power Co. 90/02/26. Document Control Branch (Document Control Desk). 1p 52867-207-52867-004.

**9003090230** Rev 11 to "ODCM."  
\* Northern States Power Co. 89/10/05. 127pp 52967-238-52967-004.

**9003150266** Forwards errata for Amends 91 & 84 to Licenses DPR-42 & DPR-60, respectively, correcting text errors.  
DIANNI,D.C. Project Directorate III-1. 90/03/07. PARKER,T.M. Northern States Power Co. 3pp 53030-155-53030-181.

**9003150273** Corrected Amends 91 & 84 to Licenses DPR-42 & DPR-60, respectively re containment integrity,core alteration,rated thermal power,refueling,reportable event shield bug, integrity & site boundary.  
\* NRC - No Detailed Attention Given. 90/03/07. 24pp 53030-158-53030-181.

**9003180273** Forwards list representing current status of unimplemented USIs at plant per 891019 request.  
DIANNI,D.C. Project Directorate III-1. 90/03/13. PARKER,T.M. Northern States Power Co. 4pp 53050-248-53050-251.

**9003210175** Forwards Amends 82 & 85 to Licenses DPR-42 & DPR-60, respectively & safety evaluation Amends delete cycle-specific parameter limits from Tech Specs 1.0.3.1, 3.10 & 6.7 & relocates limits in core operating limits rept.  
DIANNI,D.C. Project Directorate III-1. 90/03/13. PARKER,T.M. Northern States Power Co. 3pp 53104-129-53104-192.

**9003210176** Amends 82 & 85 to Licenses DPR-42 & DPR-60, respectively, deleting cycle-specific parameter limits from Tech Specs 1.0.3.1, 3.10 & 6.7 & associated bases & relocating limits in core operating limits rept.  
THOMA,J.O. Project Directorate III-1. 90/03/13. 52pp 53104-135-53104-184.

**9003210181** Safety evaluation supporting Amends 92 & 85 to Licenses DPR-42 & DPR-60, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/13. 4pp 53104-185-53104-188.

**9003210186** Suppl to safety evaluation supporting Amends 87 & 80 to Licenses DPR-42 & DPR-60, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/13. 4pp 53104-189-53104-192.

**9003230114** Advises that 900129 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment" acceptable.  
DIANNI,D.C. Project Directorate III-1. 90/03/15. PARKER,T.M. Northern States Power Co. 3pp 53148-159-53148-161.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28,Item 2,Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp 53195-014-53195-069.

## Q. Inspection reports, IE Bulletins & correspondence

**9002220520** Forwards Safety Insp Repts 50-282/89-31 & 50-306/89-31 on 891212-900116 & notice of violation.  
AXELSON,W.L. Region 3, Ofc of the Director. 90/01/31. LARSON,C.E. Northern States Power Co. 2pp 52705-222-52705-235.

**9002220523** Notice of violation from insp on 891212-900116. Violation noted chlorine detectors associated w/122 control room ventilation sys inoperable w/o outside air dampers closed.  
AXELSON,W.L. Region 3, Ofc of the Director. 90/01/31. 1p 52705-224-52705-224.

**9002220532** Safety Insp Repts 50-282/89-31 & 50-306/89-31 on 891212-900116. Violation noted Major areas inspected plant operational safety,maint,surveillance,radiological protection & industrial safety.  
BURGESS,R.I. Region 3, Ofc of the Director. 90/01/31. 11pp 52705-225-52705-235.

**9002270023** Forwards Augmented Insp Team Insp Repts 50-282/89-32 & 50-306/89-32 on 891227-900109. No violations noted.  
MILLER,H.J. Region 3, Ofc of the Director. 90/02/12. LARSON,C.E. Northern States Power Co. 2pp 52745-129-52745-180.

**9002270036** Augmented Insp Team Insp Repts 50-282/89-32 & 50-306/89-32 on 891227-900109. No violations or deviations noted. Major areas inspected: sequence of events,root causes of equipment failure,operator response & licensee event followup.  
MILLER,H.J. Region 3, Ofc of the Director. 90/02/08. 24pp 52745-131-52745-154.

**9002260364** Forwards request for relief from schedule requirements of NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Prefabricated Bolting in Anchor/Daring Valves."  
PARKER,T.M. Northern States Power Co. 90/02/16. Office of Nuclear Reactor Regulation, Director (Post 870411) 4pp 52739-109-52739-112.

**9003010281** Provides steam generator tube plugging & sleeving info,per Tech Spec 4.12.E.1. Following recent inservice insp,15 tubes plugged for first time & 37 tubes w/ new indications sleeved.  
PARKER,T.M. Northern States Power Co. 90/02/22. Document Control Branch (Document Control Desk). 3pp 52781-048-52781-050.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp 52776-262-52776-360.

**9002230283** NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp 52776-163-52776-261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp 52844-001-52844-089.

9002270389 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844:100-52844:198.

9003090231 Forwards Suppl 2 to NRC Info Notice 89-059, clarifying that Phoenix Mfg Co may not have been supplier of non-safety-related fastener previously reported as not meeting carbon content for applicable melt spec.  
BERLINGER, C.H. Generic Communications Branch. 90/03/05. LARSON, C.E. Northern States Power Co. 1p. 52966:307-52966:310.

9003090388 Forwards Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Suppl clarifies that Phoenix Mfg Co may not have been supplier of non-safety-related fastener.  
BERLINGER, C.H. Generic Communications Branch. 90/03/05. FREDERICKSON, W. Phoenix Manufacturing Co. 1p. 52926:118-52926:121.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52997:001-52997:094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997:095-52997:169.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997:289-52998:018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844:199-52844:200.

9003150278 Informs that 890331 & 1106 responses to NRC Bulletin 88-010 & Suppl 1, "Nonconforming Molded Case Circuit Breakers," considered acceptable.  
DILANNI, D.C. Project Directorate I-1. 90/03/07. PARKER, T.M. Northern States Power Co. 3pp. 53025:248-53025:251.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963:038-52963:199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963:200-52963:299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963:330-52964:048.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997:190-52997:287.

9003130912 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035:128-53035:228.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168:057-53168:147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132:001-53132:100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Tap Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165:007-53165:108.

## R. Periodic operating reports & related correspondence

9003060305 "Annual Report of Occupational Radiation Exposure and Safety Relief Valve Failures and Challenges." W/900226 ltr.  
PARKER, T.M. Northern States Power Co. 89/12/31. 5pp. 52838:186-52838:190.

9003090221 Forwards Rev 0 to "Effluent Semiannual Rept, Jul-Dec 1989, Supplemental Info." amend to "Effluent & Waste Disposal Sem.annual Rept for First Half of 1989" & Rev 11 to "ODCM." Analyses for Sr-89 & Sr-90 will be included in next rept.  
FEY, F.L. Northern States Power Co. 90/02/26. Document Control Branch (Document Control Desk). 1p. 52967:207-52968:004.

-9003090226 Rev 0 to "Effluent Semiannual Rept, Jul-Dec 1989, Supplemental Info." Northern States Power Co. 89/12/31. 18pp. 52967:208-52967:226.

-9003090227 Amend to "Effluent & Waste Disposal Semiannual Rept for First Half 1989," incorporating previously omitted second quarter analyses results of Sr-89 & Sr-90.  
Northern States Power Co. 89/06/30. 11pp. 52967:227-52967:237.

9003130807 Monthly operating repts for Feb 1990 for Prairie Island Units 1 & 2. W/900308 ltr.  
DUGSTAD, D. PARKER, T.M. Northern States Power Co. 90/02/26. 9pp. 52995:230-52995:238.

## S. Reportable occurrences, LERs & related correspondence

9002260372 Special rept re plans for alternate fire suppression driven fire pump 122 run daily, except when out of svc from 90.  
PARKER, T.M. Northern States Power Co. 90/02/20. Office of the Director (Post 870411). 2pp. 52720:356-52720:357.

9003270415 LER 89-004-01 on 891221, reactor trips & loss of pumps occurred. Caused by malfunctions in MG sets, rod & breaker control sys. Voltage regulator for MG set replaced W/HUNSTAD, A.A., PARKER, T.M. Northern States Power Co. 53165:239-53165:249.

## DOCKET 90-309 MAINE YANKEE ATOMIC POWER PLANT

### F. Security, medical, emergency & fire protection plans

9003020186 Notification of 900215 Mgt Meeting 90-16 w/ut discuss security issues.  
MCCABE, E.C. Region 1, Ofc of the Director. 90/02/08. FRIZZLE, C. 2pp. 52800:353-52800:354.

9002270123 Ack receipt of 800129 ltr informing NRC of steps to be noted in Insp Rept 50-309/89-24.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/13. FRIZZLE, C. Atomic Power Co. 2pp. 52756:042-52756:044.

-9002270126 Responds to NRC 891229 ltr re violations noted 24 re vital area keys. Corrective actions withheld (ref 10CFR72).  
WHITTIER, G.D. Maine Yankee Atomic Power Co. 90/01/20. Ofc of the Director. 1p. 52756:044-52756:044.

9002260072 Forwards Page 2 of plant security force training & description of changes. Encls withheld (ref 10CFR73.21).  
NICHOLS, S.E. Maine Yankee Atomic Power Co. 90/02/20. Document Control Desk. 1p. 52709:347-52709:347.

9002260276 Forwards SALP Rept 50-309/88-99 for Aug 1988 to be scheduled to discuss assessment.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/20. FRIZZLE, C. Atomic Power Co. 3pp. 52760:092-52760:125.

-9002260279 SALP Rept 50-309/89-09 for Aug 1988 to Oct 1989 signed in areas of plant operations, maint, surveillance & on-site.  
Region 1, Ofc of the Director. 00/02/20. 31pp. 52760:005-52760:035.

9003050130 Forwards Resident Insp Rept 50-309/89-25 on noted in acceptance criteria for component cooling water. Inspection requested within 30 days.  
JOHNSON, J.H. Region 1, Ofc of the Director. 90/02/22. FRIZZLE, C. Atomic Power Co. 2pp. 52825:168-52825:180.

-9003050133 Resident Insp Rept 50-309/89-25 on 891212 noted re termination radiation exposure info. Major repts, events, operational safety, physical security, maint/surveillance.  
MCCABE, E.C. Region 1, Ofc of the Director. 90/02/21. 11pp.

9003020247 Forwards SER concluding that several items in program, per Generic Ltr 82-33 & Suppl 1 to NUREG-0737, addressed to ensure high quality emergency operating procedure.  
LEEDS, E.J. Project Directorate I-3. 90/02/26. FRIZZLE, C. Atomic Power Co. 33pp. 52826:258-52826:292.

9003140218 Revised emergency plan W/900305 ltr.  
NICHOLS, S.E. Maine Yankee Atomic Power Co. 90/03/03. 53023:288.

### P. Operating license stage documents & correspondence

9002260167 Ack receipt of 900129 response to Generic Ltr Problems Affecting Safety-Related Equipment." Understands mandated improvements & schedule for implementation will be addressed.  
LEEDS, E.J. Project Directorate I-3. 90/02/15. FRIZZLE, C. Atomic Power Co. 2pp. 52726:276-52726:277.

9003020003 Forwards safety evaluation accepting util assessment load problems. Reviews included evaluation of plant-specific blowdown & structural analyses.  
LEEDS, E.J. Project Directorate I-3. 00/02/20. FRIZZLE, C. Atomic Power Co. 2pp. 52789:287-52789:300.

-9003020004 Safety evaluation accepting util assessment of problem.  
Mechanical Engineering Branch. 90/02/20. 12pp. 52789:287-52789:300.

9003020247 Forwards SER concluding that several items in program, per Generic Ltr 82-33 & Suppl 1 to NUREG-0737, addressed to ensure high quality emergency operating procedure.  
LEEDS, E.J. Project Directorate I-3. 90/02/26. FRIZZLE, C. Atomic Power Co. 33pp. 52826:258-52826:292.

9003150244 Responds to Generic Ltr 90-01 re NRC regulator concerns on impact of team insps on licensee & licensing process.  
NICHOLS, S.E. Maine Yankee Atomic Power Co. 90/03/08. (Document Control Desk). 14pp. 53027:336-53027:349.

9003200089 Discusses NRC understanding of unimplemented 891201 response to Generic Ltr 89-21.  
LEEDS, E.J. Project Directorate I-3. 90/03/08. FRIZZLE, C. Atomic Power Co. 3pp. 53071:124-53071:126.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 00/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002270123** Ack receipt of 900129 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-309/89-24.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/13. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 2pp. 52756.042-52756.044.

**-9002270126** Responds to NRC 891229 ltr re violations noted in Insp Rept 50-309/89-24 re vital area keys. Corrective actions withheld (ref. 10CFR73.21).  
WHITTIER, G.D. Maine Yankee Atomic Power Co. 90/01/29. KNAPP, M.R. Region 1, Ofc of the Director. 1p. 52756.044-52756.044.

**9002260186** Ack receipt of 891204 ltr indicating that util plans to perform required 10-yr service inspection activities during 1990 relieving shutdown rather than 1991 relieving shutdown. NRC has no objections to change in schedule.  
LEEDS, E.J. Project Directorate I-3. 90/02/15. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 2pp. 52726.327-52726.328.

**9002260397** Advises that util 900131 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Relieving Operations," acceptable.  
LEEDS, E.J. Project Directorate I-3. 90/02/15. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 3pp. 52725.281-52725.283.

**9003010164** Notification of SALP Mgt Meeting 90-24 on 900301 w/util in Wiscasset, ME.  
MCABE, E.C. Region 1, Ofc of the Director. 90/02/15. Region 1, Ofc of the Director. 2pp. 52784.359-52784.360.

**9002280276** Forwards SALP Rept 50-309/88-99 for Aug 1988 - Oct 1989. Meeting will be scheduled to discuss assessment.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/20. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 3pp. 52760.092-52760.125.

**-9002280279** SALP Rept 50-309/88-99 for Aug 1988 to Oct 1989 Category 1 rating assigned in areas of plant operations, maint/ surveillance & emergency preparedness.  
Region 1, Ofc of the Director. 90/02/20. 31pp. 52760.095-52760.125.

**9003050130** Forwards Resident Insp Rept 50-309/89-25 on 891212-900122. Error noted in acceptance criteria for component cooling water isolation valve. Written assessment requested within 30 days.  
JOHNSON, J.R. Region 1, Ofc of the Director. 90/02/22. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 2pp. 52825.188-52825.180.

**-9003050133** Resident Insp Rept 50-309/89-25 on 891212-900122. Unresolved item noted re termination radiation exposure info. Major areas inspected: special repts, events, operational safety, physical security, maint/surveillance & fire protection.  
MCABE, E.C. Region 1, Ofc of the Director. 90/02/21. 11pp. 52825.170-52825.180.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52778.262-52778.360.

**9002230283** NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776.163-52776.261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52844.001-52844.099.

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844.100-52844.198.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52897.001-52897.094.

**9003150244** Responds to Generic Ltr 90-01 re NRC regulatory impact survey. Inform of concerns on impact of team insps on licensees & licensing process.  
NICHOLS, S.E. Maine Yankee Atomic Power Co. 90/03/06. Document Control Branch (Document Control Desk). 14pp. 53027.336-53027.348.

**9003010172** NRC Info Notice 90-015, "Reciprocity/Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52897.095-52897.189.

**9003010227** NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997.288-52997.618.

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.098-52963.189.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52963.048.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Div. of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

**9003270214** Forwards SSFI Followup Team Insp Rept 50-309/90-80 on 900114-19. Requests response within 30 days w/justification for listed electrical issues being resolved in two yrs time & assurance that no operability concerns exist in intorm.  
KANE, W.F. Region 1, Ofc of the Director. 90/03/15. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 2pp. 53184.028-53184.065.

**-9003270221** SSFI Followup Team Insp Rept 50-309/90-80 on 900114-19. Major areas inspected plant progress in resolving findings from SSFI of component cooling water systems Jan 1989.  
KELLEY, G. Region 1, Ofc of the Director. 90/03/06. 38pp. 53184.028-53184.065.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.120-53035.226.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168.057-53168.147.

**9003180306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### R. Periodic operating reports & related correspondence

**9003140379** "Semiannual Effluent Release Rept for Jul-Dec 1989." W/900301 ltr.  
Maine Yankee Atomic Power Co. 89/12/31. RUSSELL, W.T. Region 1, Ofc of the Director. 15pp. 53000.301-53000.315.

**9003270383** "Annual Personnel Whole Body Exposure Rept." W/900313 ltr.  
NICHOLS, S.E. Maine Yankee Atomic Power Co. 89/12/31. 2pp. 53191.270-53191.271.

**9003080149** "Annual Rept of Facility Changes & Relief & Safety Valve Failures & Challenges for 1989." per 10CFR50.59.  
NICHOLS, S.E. Maine Yankee Atomic Power Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52922.193-52922.194.

**9003200286** Monthly operating rept for Feb 1990 for Maine Yankee Atomic Power Station W/900314 ltr.  
ARNOLD, J.H., NICHOLS, S.E. Maine Yankee Atomic Power Co. 90/02/28. 5pp. 53078.162-53078.166.

#### S. Reportable occurrences, LERs & related correspondence

**9003090140** LER 89-011-02 on 891222. Inadvertent safety injection (SI) occurred when operators neglected to block SI as RCS pressure reduced to actuation setpoint. Caused by operator error. Licensed operator training changed W/900223 ltr.  
MCALLISTER, S.A., NICHOLS, S.E. Maine Yankee Atomic Power Co. 90/02/23. 4pp. 52879.106-52879.109.

**9003270229** LER 90-001-00 on 900207. Identified that environ qualified limit switch located inside containment. Caused by moisture in limit switch due to inadequate sealing of conduit & corroded terminal. Switch replaced W/900308 ltr.  
BRAND, E., NICHOLS, S.E. Maine Yankee Atomic Power Co. 90/03/09. 3pp. 53165.154-53165.168.

#### DOCKET 50-311 SALEM NUCLEAR GENERATING STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

**9003050138** Forwards Safety Insp Repts 50-272/90.04.50-311/90-04 & 50-354/90-01 on 900101-0212. No violations noted.  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/02/23. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52823.162-52823.193.

**-9003050139** Insp Repts 50-272/90.04.50-311/90-04 & 50-354/90-01 on 900101-0212. No violations noted. Major areas inspected: operations, radiological controls, maint & surveillance testing, emergency preparedness & security.  
SWETLAND, P.D. Region 1, Ofc of the Director. 90/02/23. 30pp. 52823.164-52823.193.

**9003150409** Rev 8 to EPIP 801, "Opening of Technical Support Ctr."  
Public Service Electric & Gas Co. of New Jersey. 90/03/02. 16pp. 53020.037-53020.053.

**9003190116** Rev 2 to Emergency Plan.  
Public Service Electric & Gas Co. of New Jersey. 90/03/02. 189pp. 53066.254-53067.092.

**9003200272** Revised EIPs including Rev 4 to EPIP 801.803 & 805, Rev 3 to EPIP 802, Rev 2 to EPIP 804 & Rev 0 to EPIP 807 & 808.  
Public Service Electric & Gas Co. of New Jersey. 90/03/02. 74pp. 53073.233-53073.305.

9003230083 Revised EPIPs including Rev 6 to EPIP 102S, Rev 7 to EPIP 103S, Rev 5 to EPIP 104S & Rev 8 to EPIP 202S.  
\* Public Service Electric & Gas Co. of New Jersey. 90/03/02. 248pp. 53137:003-53137:250.

#### J. Insurance & Indemnity Information

9003080607 Forwards executed Amend 14 to Indemnity Agreement B-74.  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 90/02/28.  
DINITZ, J. Document Control Branch (Document Control Desk). 3pp. 52692:150-52692:162.

#### P. Operating license stage documents & correspondence

9002180171 Identifies licensees requesting delays in submitting individual plant exam results.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. SECY-90-039. 90/02/07. 4pp. 53045:355-53045:358.

9002220274 Advises that 891227 request to apply ASME Section XI Code Case N-460 has been reviewed & approved for application to plants.  
SHIRAKI, C.Y., STONE, J.C. Project Directorate I-2. 90/02/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. App. 52714:144-52714:147.

9002260428 Forwards retyped Tech Spec pages inadvertently omitted from 900131 Ltr re License Change Request 89-11.  
PRESTON, B.A. Public Service Electric & Gas Co. of New Jersey. 90/02/08. Document Control Branch (Document Control Desk). 2pp. 52720:260-52720:265.

-9002260430 Retyped proposed Tech Specs re administrative controls.  
\* Public Service Electric & Gas Co. of New Jersey. 90/02/08. 2pp. 52720:282-52720:285.

9002220416 Forwards request for addl info re 891017 application for amends to Licenses DPR-70 & DPR-75, changing svc test requirements for 125- & 28-volt station batteries.  
STONE, J.C. Project Directorate I-2. 90/02/09. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. App. 52705:260-52705:264.

9002260573 Forwards corrected Pages B 3/4 4-17 & B 3/4 4-18, incorporating Section B 3/4 4-12, inadvertently omitted from 900129 Amends 108 & 86 to Licenses DPR-70 & DPR-75, respectively.  
STONE, J.C. Project Directorate I-2. 90/02/15. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52747:328-52747:332.

-9002270001 Corrected Pages B 3/4 4-17 & B 3/4 4-18 to Amends 108 & 86 to Licenses DPR-70 & DPR-75, respectively, incorporating Section B 3/4 4-12 re reactor vessel head vents.  
\* Project Directorate I-2. 90/02/15. 2pp. 52747:331-52747:332.

9003070373 Application for amends to Licenses DPR-70 & DPR-75, modifying Tech Spec Sections 4.1.1.3 & 3.1.1.3 & associated bases to change end-of-life negative temp coefficient limit. WCAP:12452, "Safety Evaluation Supporting More..." encl.  
LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/02/22. Document Control Branch (Document Control Desk). 9pp. 52889:053-52889:109.

-9003070379 Proposed Tech Specs 3.1.1.3 & 4.1.1.3 & associated bases re moderator temp coefficient.  
\* Public Service Electric & Gas Co. of New Jersey. 90/02/22. 9pp. 52889:062-52889:070.

-9003070381 "Safety Evaluation Supporting More Negative End-of-Life Moderator Temp Coefficient Tech Spec for Salem Units 1 & 2."  
GREEN, L., VERTES, C.M., MUTYALA, M. Westinghouse Electric Corp. WCAP:12452. 89/11/30. 36pp. 52889:071-52889:109.

9003060012 Forwards changes to proposed Tech Specs for reactor vessel level instrumentation sys (RVLIS) to provide interim requirements until RVLIS can be upgraded in response to NRC 891031 Ltr.  
LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/02/23. Document Control Branch (Document Control Desk). 7pp. 52825:232-52825:256.

-9003090235 Proposed Tech Specs re reactor vessel level instrumentation sys.  
\* Public Service Electric & Gas Co. of New Jersey. 90/02/23. 18pp. 52825:239-52825:256.

9003090029 Provides addl info to assist NRC in reviewing License Change Request 87-15 re reduction of turbine valve test frequency, per guidance in WCAP:11525.  
LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/02/26. Document Control Branch (Document Control Desk). 3pp. 52846:346-52846:348.

9003090393 Agrees w/900123 proposal to defer mods committed to in 890127 response to Generic Ltr 88-17, "Loss of DHR" from fifth to sixth retuning outage. Mods involve adding RHR parameters to SPDS & replacing tygon tubing.  
STONE, J.C. Project Directorate I-2. 90/02/27. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 52826:174-52826:176.

9003190092 Forwards Amends 110 & 89 to Licenses DPR-70 & DPR-75, respectively & safety evaluation Amends allow highly qualified individual w/o current, valid senior operator license to assume duties of operator manager.  
STONE, J.C. Project Directorate I-2. 90/03/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 53050:319-53050:335.

-9003190096 Amends 110 & 89 to Licenses DPR-70 & DPR-75, respectively, allowing highly qualified individual w/o current, valid senior reactor operator license to assume responsibility of operations manager.  
BUTLER, W.R. Project Directorate I-2. 90/03/07. 12pp. 53050:322-53050:333.

-9003190097 Safety evaluation supporting Amends 110 & 89 to Licenses DPR-70 & DPR-75, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/07. 2pp. 53050:334-53050:335.

9003220163 Suppl to 900104 Emergency License Change correcting info. Updated info does not impact basis for current hazards determination.  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. Document Control Branch (Document Control Desk). 5pp. 53148:073-53148:078.

9003280337 Forwards list of unresolved USIs for facilities, blackout USI A-46 re seismic qualification of equipment in re safety implications of control sys in LWRs.  
STONE, J.C. Project Directorate I-2. 90/03/14. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53148:078-53148:082.

9003280327 Forwards safety evaluation accepting uls noted in NRC 870302 SSER, per Suppl 1 to NUREG-0737.  
STONE, J.C. Project Directorate I-2. 90/03/15. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 5pp. 53148:073-53148:078.

9003140089 Generic Ltr 90-03 to all power reactor licensees of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Volatiles Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). Edison Co. of New York, Inc. 55pp. 53105:014-53105:053.

9003260282 Advises that 900128 response to Recommendation Ltr 89-13, "Svc Water Sys Problems Affecting acceptable insp of initial sample of 20% to 30% of containers."  
STONE, J.C. Project Directorate I-2. 90/03/20. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53149:119-53149:123.

9003260313 Advises that individual plant exam schedule, provided in 891101 Ltr in response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting acceptable insp of initial sample of 20% to 30% of containers," changes should be reported to NRC.  
STONE, J.C. Project Directorate I-2. 90/03/20. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53149:158-53149:162.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260437 Responds to NRC 900108 Ltr re violations noted in 70 & DPR-75. Corrective actions emergency operating procedure w/10CFR50.59 safety evaluation & program documents.  
LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. Document Control Branch (Document Control Desk). 7pp. 52720:266-52720:273.

9003160238 Notification of Mid-SALP Meeting 90-26 on 900108 SWETLAND, P.D. Region 1, Ofc of the Director. 90/02/27. 2pp. 53042:122-53042:123.

9002160093 NRC Info Notice 90-010, "Primary Water Stroke 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp. 52776:001-52776:099.

9003060138 Forwards Safety Insp Repts 50-272/90-04, 50-311/90-01, 50-311/90-02. No violations noted.  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/02/23. Public Service Electric & Gas Co. of New Jersey. 2pp. 52823:181-52823:183.

-9003060139 Insp Repts 50-272/90-04, 50-311/90-04 & 50-311/90-02. No violations noted. Major areas inspected, operation & surveillance testing, emergency preparedness & security.  
SWETLAND, P.D. Region 1, Ofc of the Director. 9/28/83. 193.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Affecting Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp. 52776:001-52776:099.

9002230379 NRC Info Notice 90-012, "Monitoring or Interference." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp. 52844:001-52844:099.

9003080325 Responds to NRC 900119 request for addl info re "service Insp Program." Encl contains list of service tests not previously approved & not in conformance w/Generic Ltr 88-17.  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. Document Control Branch (Document Control Desk). 54pp. 53148:073-53148:078.

9002270399 NRC Info Notice 90-013, "Importance of Review Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 99pp. 52844:001-52844:099.

9003140271 Forwards Insp Repts 50-272/90-03 & 50-311/90-03. No violations or unresolved items noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/03/05. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 53018:015-53018:017.

-9003140273 Insp Repts 50-272/90-03 & 50-311/90-03. No violations noted re service testing program. Inspected: corrective action controls & service testing program.  
LOPEZ, A.E., PRIVIDY, L.J., EAPEN, P.K. Region 1, Ofc of the Director. 9/28/83. 193.

9002280081 NRC Info Notice 90-014, "Accidental Disposition of Fuel." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. Consolidated Edison Co. of New York, Inc. 88pp. 53105:014-53105:053.

9003010172 NRC Info Notice 90-015, "Reciprocity: Notification Control Directors Before Beginning Work in Agreement." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. Consolidated Edison Co. of New York, Inc. 88pp. 53105:014-53105:053.

**9003010227** NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule" Svc list encl.  
BANGART, R. L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52998-018.

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners" Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp. 52984-189-52984-298.

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves" Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52983-006-52983-189.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp. 52983-200-52983-299.

**9003050148** NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mtg by Rosemount" Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 108pp. 52983-300-52983-048.

**9003220179** Advises 900228 commitment re rev to AP-32 cannot be met due to need for add clarification Rev to AP-32 will be completed by 900315.  
LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/03/09 Document Control Branch (Document Control Desk). 2pp. 53126-068-53126-089.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

**9003260533** Provides inservice insp schedule for facility fifth refusing outage on 900331.  
LABRUNA, S. Public Service Electric & Gas Co. of New Jersey. 90/03/14. Document Control Branch (Document Control Desk). 5pp. 53189-109-53189-113.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow" Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 89pp. 53035-129-53035-226.

**9003260282** Advises that 900126 response to Recommendations III & IV of Generic Ltr 90-13, "Svc Water Sys Problems Affecting Safety-Related Equipment" acceptable. Insp of initial sample of 20% to 30% of containment fan coolers approved.  
STONE, J. C. Project Directorate 1-2. 90/03/20. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53149-110-53149-122.

**9003260224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc list encl.  
CUNNINGHAM, R. E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

**9003190306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units" Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

**9003090179** "Radioactive Effluent Release Rept - 27 for Jul-Dec 1989" W/900228 ltr.  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 27. 89/12/31. 56pp. 52985-300-52985-354.

**9002230329** Monthly operating rept for Jan 1990 for Salem Unit 1 & 2 W/ 900212 ltr.  
ORTICELLE, A. WHITE, P., MILLER, L. K. Public Service Electric & Gas Co. of New Jersey. 90/01/31. 9pp. 52715-052-52715-060.

**9003090356** Forwards printouts containing RW-859 nuclear fuel data for period ending 891231 & diskettes.  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 90/02/14. Energy. Dept. of. 92pp. 52953-335-52953-066.

**9003090085** Forwards NPDES discharge monitoring rept for Jan 1990.  
\* Public Service Electric & Gas Co. of New Jersey. 90/02/22. CAPORALE, G. New Jersey. State of. 5pp. 52949-338-52949-359.

**-9003090088** "NPDES Discharge Monitoring Rept for Jan 1990."  
\* Public Service Electric & Gas Co. of New Jersey. 90/01/31. 18pp. 52949-343-52949-359.

**9003080467** Annual operating rept for 1989 for Salem & Hope Creek Generating Stations.  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 90/02/28. Document Control Branch (Document Control Desk). 12pp. 52909-226-52909-237.

**9003200173** Monthly operating rept for Feb 1990 for Salem Unit 2 W/ 900312 ltr.  
ORTICELLE, A., MILLER, L. K. Public Service Electric & Gas Co. of New Jersey. 90/02/28. 9pp. 53078-271-53078-279.

## S. Reportable occurrences, LERs & related correspondence

**9003020129** LER 90-009-00 on 900123, plant vent radioactive iodine monitor channel spiked high resulting in containment purge/pressure vacuum relief sys isolation signal. Caused by design & equipment problems. Scalar test jack replaced W/900221 ltr.  
POLLACK, M., MILLER, L. K. Public Service Electric & Gas Co. of New Jersey. 90/02/21. 4pp. 52829-175-52829-178.

**9003230049** LER 90-010-00 on 900216, containment radioactive iodine monitor radiation monitoring sys channel failed low. Caused by design/equipment concerns. Sys design mods will be implemented to eliminate ESF actuation signals W/900314 ltr.  
POLLACK, M. J., MILLER, L. K. Public Service Electric & Gas Co. of New Jersey. 90/03/14. 4pp. 53147-103-53147-106.

**9003260457** PNO 1-90-024 on 900319, power outage on Salem deans line resulted in Hope Creek reactor scram. Caused by low reactor vessel water level resulting from loss of all feedwater & condensate pumps. States of NJ & DE have been notified.  
SWETLAND, Reg on 1, Ofc of the Director. 90/03/20. 1p. 53175-344-53175-344.

## V. Operator Examinations

**9003190092** Forwards Amends 110 & 89 to Licenses DPR-70 & DPR-75, respectively & safety evaluation Amends allow highly qualified individual w/o current, valid senior operator license to assume duties of operations manager.  
STONE, J. C. Project Directorate 1-2. 90/03/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 3pp. 53050-319-53050-335.

**-9003190096** Amends 110 & 89 to Licenses DPR-70 & DPR-75, respectively, allowing highly qualified individual w/o current, valid senior reactor operator license to assume responsibility of operations manager.  
BUTLER, W. H. Project Directorate 1-2. 90/03/07. 12pp. 53050-322-53050-333.

**-9003190097** Safety evaluation supporting Amends 110 & 89 to Licenses DPR-70 & DPR-75, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/07. 2pp. 53050-334-53050-336.

## DOCKET 50-312 RANCHO SECO NUCLEAR GENERATING STATION

### F. Security, medical, emergency & fire protection plans

**9003160203** Forwards revised pages to Sections 1-8 of Rev 4 to emergency plan per NRC 900208 telcon request. Summary of changes listed, including deletion of ref to accident not exceeding alert classification.  
KEUTER, D. R. Sacramento Municipal Utility District. 90/02/14. KNIGHTON, G. Document Control Branch (Document Control Desk). 4pp. 53060-135-53060-213.

**-9003160277** Revised pages to Sections 1-8 to Rev 4 to emergency plan.  
\* Sacramento Municipal Utility District. 90/02/14. 74pp. 53060-139-53060-213.

**9003060488** Rev 2 to EPIP-5620, "Procedura Preparation, Review, Approval & Writers Guide."  
\* Sacramento Municipal Utility District. 90/02/21. 20pp. 52908-337-52908-357.

**9003090324** Partial response to FOIA request for documents. Listed App B documents enclosed. Apps A & B documents available in PDF.  
PHILIPS, J. D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M. A. New York Newsday. 18pp. 52990-252-52990-284.

**-9003130577** Requests NRC consideration of oncl constituent, JM McHugh 891227 ltr to A D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr. NRC 820212 press release citing operators at eight plants for emergency planning violations also oncl.  
D'AMATO, A. M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs. 7pp. 52991-121-52991-172.

**9003150386** Forwards Insp Rept 50-312/89-23 on 891209-900124. No violations noted. One area of weakness re engineer decision to defer leak rate testing of containment isolation valves w/o immediate supervisor approval discussed in rept.  
RICHARDS, S. A. Reg on 5, Ofc of the Director. 90/02/27. KEUTER, D. R. Sacramento Municipal Utility District. 2pp. 53020-093-53020-103.

**-9003150389** Insp Rept 50-312/89-23 on 891209-900124. No violations noted. Major areas inspected: operational safety, ventilation, health physics & security observations, ESF sys walkdown, main, surveillance & testing, O&A & followup items.  
WONG, H. Reg on 5, Ofc of the Director. 90/02/27. 9pp. 53020-095-53020-103.

**9003190332** Revised EPIPs, including Rev 4 to EPIP-5600 & Rev 2 to EPIP-5660.  
\* Sacramento Municipal Utility District. 90/03/12. 92pp. 53048-001-53048-092.

### J. Insurance & indemnity information

**9003020037** Forwards Endorsements 94.95 & 96 to NELIA Policy NF-212, Endorsements 82.83 & 84 to MAELU Policy MF-75, Endorsements 10 & 11 to NELIA Certificate N-48 & MAELU Certificate M-49, respectively & Endorsements 5.6.14 & 15 to Master Policy 1.  
CRUNK, S. L. Sacramento Municipal Utility District. 80/02/21. Document Control Branch (Document Control Desk). 28pp. 62795-086-52795-081.

**9003150430** Requests exemption from requirements of 10CFR50.54(w)(1) re onsite property damage insurance.  
KEUTER, D. R. Sacramento Municipal Utility District. 90/03/05. Document Control Branch (Document Control Desk). 3pp. 53022-027-53022-029.

### P. Operating license stage documents & correspondence

**9003080122** Forwards map showing locations where background samples collected during evaluation of radioactive liquid effluent releases from plant per telcon. Substitution of map for incorrect location map in NUREG/CR-4266 requested.  
COTTRELL, W. D. Oak Ridge Associated Unvs. 90/02/14. YUHAS, G. Region 5, Ofc of the Director. 2pp. 52856-318-52856-320.

**9003080384** Forwards updated listings re deferral & rescheduling of commitments. Listed items will be reviewed prior to moving fuel from spent fuel pool back into reactor bldg.  
KEUTER, D. R. Sacramento Municipal Utility District. 90/02/21. MARTIN, J. D. Region 5, Ofc of the Director. 51pp. 52892-220-52892-270.



9003020005 Forwards notice of environ assessment & finding of no significant impact re licensee 890925 request for proposed exemption from 10CFR50.71(a)(4) REYNOLDS, S.A. Project Directorate V. 90/02/22 KEUTER, D.R. Sacramento Municipal Utility District. 4pp. 52788-152-52788-158.

-9003020006 Environ assessment & finding of no significant impact re util 890925 request for exemption from 10CFR50.71(a)(4) requirements ROOD, H. Project Directorate V. 90/02/22 3pp. 52788-158-52788-158.

9003050061 Grants immediate waiver of compliance to schedule requirements of 10CFR50.71 re updated SAR per 891012 request. Submittal of next updated SAR extended until 900622 HOLAHAN, G.M. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 90/02/26. BOGGS, D. Sacramento Municipal Utility District. 3pp. 52823-010-52823-012.

9003050089 Forwards notice of environ assessment & finding of no significant impact re util 891020 proposed exemption from 10CFR50, App J. REYNOLDS, S.A. Project Directorate V. 90/02/26 KEUTER, D.R. Sacramento Municipal Utility District. 3pp. 52836-260-52836-265.

-9003050091 Environ assessment & finding of no significant impact re proposed exemption from 10CFR50, App J. ROOD, H. Project Directorate V. 90/02/26. 3pp. 52836-263-52836-265.

9003050326 Grants immediate waiver of compliance from 10CFR50, App J requirements re testing methods & acceptance criteria necessary to ensure containment integrity in response to 891020 request. HOLAHAN, G.M. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 90/02/26. BOGGS, D. Sacramento Municipal Utility District. 3pp. 52823-213-52823-215.

9003150051 Advises that changes addressed in Rev 5 to util quality manual reviewed & acceptable per 10CFR50, App B. ZIMMERMAN, R.P. Region 5, Ofc of the Director. 90/03/08. KEUTER, D.R. Sacramento Municipal Utility District. 1p. 53025-171-53025-171.

9003190078 Provides status of inservice insp & inservice testing programs. Util does not intend to continue normal test schedule for pumps & valves in sys not required by Tech Specs to be operable. KEUTER, D.R. Sacramento Municipal Utility District. 90/03/09. KNIGHTON, G. Document Control Branch (Document Control Desk). 2pp. 53047-308-53047-309.

9003210190 Forwards W. Cottrill, ORNL 900214 ltr to G. Yuhas documenting corrections to background sampling locations as specified in NUREG/CR-4288 for incorporation in NUREG. YUHAS, G.P. Region 5, Ofc of the Director. 90/03/13. KEUTER, D.R. Sacramento Municipal Utility District. 1p. 53112-102-53112-102.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260584 Forwards Mgt Meeting Rept 50-312/90-02 on 900124. No response required. YUHAS, G.P. Region 5, Ofc of the Director. 90/02/01. KEUTER, D.R. Sacramento Municipal Utility District. 2pp. 52722-095-52722-136.

-9002260586 Mgt Meeting Rept 50-312/90-02 on 900124. Meeting summary: status of manning, program implementation & closure strategy in areas of radiation protection, radwaste, chemistry, environ monitoring & training. RUSSELL, J., WENSLAWSKI, F. Region 5, Ofc of the Director. 90/02/01. 40pp. 52722-097-52722-136.

9003020251 Forwards addl info re 900308 response to NRC Bulletin 88-003, "Inadequate Latch Engagement in HFA Type Latching Relays Mfg by GE." Util will replace only relays found not to meet insp criteria. KEUTER, D.R. Sacramento Municipal Utility District. 90/02/14. MARTIN, J.B. Region 5, Ofc of the Director. 1p. 52800-025-52800-025.

9003020283 Forwards updated response to Insp Rept 50-312/88-30. Calculations for liquid effluent monitors completed & in use & rev to Reg Guide 4.15 in procedure RSAP-1702 scheduled to be completed & implemented by Apr 1990. KEUTER, D.R. Sacramento Municipal Utility District. 90/02/14. MARTIN, J.B. Region 5, Ofc of the Director. 2pp. 52789-108-52789-110.

9002280383 Discusses util 890708 response to NRC Bulletin 88-004 re potential safety-related pump loss. Response confirmed that activities required to address issues discussed in bulletin performed & no mode needed. REYNOLDS, S.A. Project Directorate V. 90/02/15. KEUTER, D.R. Sacramento Municipal Utility District. 3pp. 52738-118-52738-120.

9003070309 Forwards Insp Rept 50-312/90-01 on 900122-26. No violations or deviations noted. YUHAS, G.P. Region 5, Ofc of the Director. 90/02/15. KEUTER, D.R. Sacramento Municipal Utility District. 2pp. 52890-014-52890-024.

-9003070313 Insp Rept 50-312/90-01 on 900122-26. One noncited violation noted re failure to document CC insps. Major areas inspected: followup of written repts of non-routine events, unresolved items, noncompliance & radwaste mgt & transportation. RUSSELL, J., WENSLAWSKI, F. Region 5, Ofc of the Director. 90/02/14. 8pp. 52890-016-52890-024.

9003080384 Forwards updated findings re deferral & rescheduling of commitments. Listed items will be reviewed prior to moving fuel from spent fuel pool back into reactor bldg. KEUTER, D.R. Sacramento Municipal Utility District. 90/02/21. MARTIN, J.B. Region 5, Ofc of the Director. 51pp. 52892-220-52892-270.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776-262-52776-360.

9003090149 Ack receipt of 800112 ltr informing NRC of steps noted in Insp Rept 50-312/89-18 & advises that request for Violation B denied. SCARANO, R.A. Region 5, Ofc of the Director. 90/02/23. Municipal Utility District. 2pp. 53013-191-53013-200.

9003090324 Partial response to FOIA request for documents enclosed Apps A & B documents available in PDR. PHILIPS, J.D. Division of Freedom of Information & Privacy. 890205. 90/02/26. WEBER, M.A. New York Newsday. 18pp.

-9003130577 Requests NRC consideration of encl constituents to A. D'Amato forwarding St. Lawrence Environ Mgt Comm. press release citing operators at eight plants for emergency encl. D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C.C. 52991-121-52991-172.

9003150386 Forwards Insp Rept 50-312/89-23 on 890124. One area of weakness re engineer decision to deferment isolation valves w/only immediate supervisor approval. RICHARDS, S.A. Region 5, Ofc of the Director. 90/02/27. Municipal Utility District. 2pp. 53020-093-53020-103.

-9003150389 Insp Rept 50-312/89-23 on 891208-900124. Areas inspected: operational safety verification, health observations, ESF sys walkdown, maint, surveillance & testing. WONG, H. Region 5, Ofc of the Director. 90/02/27. 9pp. 53020-093-53020-103.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Assessment Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 98pp. 52776-162-52776-162.

9002230379 NRC Info Notice 90-012, "Monitoring or Interference." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 98pp. 52844-000-52844-000.

9003260355 Forwards Insp Rept 50-312/90-04 on 900213-16-20-23. noted but not cited since criteria specified in Section V.A. YUHAS, G.P. Region 5, Ofc of the Director. 90/03/02. KEUTER, D.R. Sacramento Municipal Utility District. 2pp. 53150-088-53150-107.

-9003260360 Insp Rept 50-312/90-04 on 900213-16-20-23. ment CC. Major areas inspected: plant water chemistry, radiochemical analysis & QA of plant radiochemist. TENBROOK, W.K., WENSLAWSKI, F.A. Region 5, Ofc of the Director. 90/03/02. 10pp. 53150-101-53150-107.

9002270399 NRC Info Notice 90-013, "Importance of Review Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 98pp. 52844-100-52844-100.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Waste." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification Control Directors Before Beginning Work in Agreement." CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear. 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp.

9003010227 NRC Info Notice 90-016, "Compliance W/Non-Compliance." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management. 870413. 90/03/07. Consolidated Edison Co. of New York, Inc. 52908-018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 100pp. 52844-100-52844-100.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 104pp. 52963-010-52963-010.

9003050043 NRC Info Notice 90-018, "Potential Problems Valves Used on Diesel Generator Air Start Receiver Tanks." ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 100pp. 52963-010-52963-010.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transfer Lines." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 108pp. 52963-010-52963-010.

9003190078 Provides status of inservice insp & inservice testing. Intend to continue normal test schedule for pumps & valves. Tech Specs to be operable. KEUTER, D.R. Sacramento Municipal Utility District. 90/03/09. Document Control Branch (Document Control Desk). 2pp. 53047-308-53047-309.

9003080213 NRC Info Notice 90-019, "Potential Loss of Emergency Recirculation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 98pp. 52997-100-52997-100.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment. Consolidated Edison Co. of New York, Inc. 98pp. 53035-100-53035-100.



**9003180224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc ltr encl CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147

**9003180306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc ltr encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.031-53132.100

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc ltr encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.109

#### R. Periodic operating reports & related correspondence

**9003080286** "Semiannual Radioactive Effluent Release Rept, J.J. Doc 1989." W/900226 ltr. KEUTER, D.R. Sacramento Municipal Utility District. 89/12/31. MARTIN, J.B. Region 5, Ofc of the Director. 51pp. 52894.295-52894.345.

**9003150403** "Annual Occupational Radiation Exposure Rept Personnel Whole Body Exposure for CY89." W/900305 ltr. KEUTER, D.R. Sacramento Municipal Utility District. 89/12/31. BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 2pp. 53030.285-53030.286

**9003150226** "Discharge Self Monitoring Rept for Jan 1990." W/900226 ltr. KEUTER, D.R. Sacramento Municipal Utility District. 90/01/31. MARTIN, J.B. Region 5, Ofc of the Director. 4pp. 53027.356-53027.359

**9003200149** Monthly operating rept for Feb 1990 for Rancho Seco Nuclear Generating Station. W/900312 ltr. MUELLER, M. CRUNK, S.L. Sacramento Municipal Utility District. 90/02/28. 6pp. 53078.116-53078.123

#### S. Reportable occurrences, LERs & related correspondence

**9002280009** Special Repts 80-1, 90-2, 90-3 & 90-4 on 900110, 16, 18, 19, 30 & 31. Fire barriers breached for more than 7 days. All fire barrier penetrations & fire doors returned to operable status. KEUTER, D.R. Sacramento Municipal Utility District. 00/02/09. MARTIN, J.B. Region 5, Ofc of the Director. 6pp. 52778.211-52778.215.

**9002260277** Summary of Operating Reactors Events Meeting 90 03 on 900207 List of attendees & viewpoints encl. BARANOWSKY, P.W. Events Assessment Branch. 90/02/12. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 18pp. 52726.293-52726.311.

**9003260361** Special Rept 90-05 on 900208, 09, 13, 16 & 19, 21 & 22. Listed fire barriers in auxiliary bldg failed Surveillance Test SP.0714. "Refueling Interval Fire Barrier Penetrations" due to seal degradation. Hourly fire watch established. KEUTER, D.R. Sacramento Municipal Utility District. 90/03/08. MARTIN, J.B. Region 5, Ofc of the Director. 3pp. 53150.089-53150.091.

#### V. Operator Examinations

**9003120458** Advice of change in operator/senior operator status for H1 Coomes, effective 900205. KEUTER, D.R. Sacramento Municipal Utility District. 90/02/12. Document Control Branch (Document Control Desk). 1p. 52075.359-52075.359.

**9002270203** Revises 891212 exemption request re requirements for simulation facility training & testing. Requested exemptions commensurate w/nuclear safety requirements w/plant in defueled condition. KEUTER, D.R. Sacramento Municipal Utility District. 90/02/13. KNIGHTON, G.W. Document Control Branch (Document Control Desk). 7pp. 52745.088-52745.102.

**9003060063** Notifies that W. Norris will no longer require operator/senior operator license, effective 900228. KEUTER, D.R. Sacramento Municipal Utility District. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52849.087-52849.087.

**9003260363** Requests add info re proposed mods to operator training program, per 891228 submittal. REYNOLDS, S.A. Project Directorate V. 90/03/16. KEUTER, D.R. Sacramento Municipal Utility District. 4pp. 53189.075-53189.078.

#### DOCKET 50-313 ARKANSAS NUCLEAR ONE, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9003230283** Public version of "Arkansas Nuclear One Emergency Preparedness Exercise REX-90 Exercise Scenario." \* Arkansas Power & Light Co. 90/01/05. 378pp. 53132.303-53132.321.

**9002260554** Discusses plant phone sys computerized branch exchange power supply change, per Generic Ltr 81-10. No changes to emergency plan necessary. FISICARO, J.J. Arkansas Power & Light Co. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52739.113-52739.114.

**9003230050** Revised EPIPs, including Rev 12 to 1903.002 & Rev 10 to 1903.003.

\* Arkansas Power & Light Co. 90/02/15. 18pp. 53138.271-53138.288.

**9003140095** Advises that util volunteers to participate in emergency response data sys implementation, per Generic Ltr 89-15. FISICARO, J.J. Arkansas Power & Light Co. 90/03/02. Document Control Branch (Document Control Desk). 2pp. 53019.311-53019.312.

**9003230048** Rev 6 to EPIP 1903.63, "Emergency Response Ctr."

\* Arkansas Power & Light Co. 90/03/05. 19pp. 53138.288-53138.307.

**9003150075** Forwards Rev 18 to industrial security plan, incorporating changes at corporate level & making minor grammatical corrections. Rev withheld (ref 10CFR73.21). FISICARO, J.J. Arkansas Power & Light Co. 90/03/06. Document Control Branch (Document Control Desk). 1p. 53030.153-53030.153.

**9003190255** Forwards narrative description of fire barrier seal program, per D Kubicki request. FISICARO, J.J. Arkansas Power & Light Co. 90/03/06. Document Control Branch (Document Control Desk). 5pp. 53048.274-53048.278.

**9003200081** Forwards details of completed security perimeter improvement project in response to Insp Repts 50-313/87-31 & 50-368/87-31. Encl withheld (ref 10CFR2.790). \* Arkansas Power & Light Co. 90/03/09. BEACH, B. Reg on 4, Ofc of the Director. 1p. 53075.112-53075.112.

**9003280115** Rev 9 to emergency plan W/900309 ltr. FOWLER, R.L., FISICARO, J.J. Arkansas Power & Light Co. 90/03/09. 13pp. 53148.041-53148.053.

#### H. General correspondence

**9003160201** Advises that NS Carns will assume TG Campbell position as nuclear vice president, per TG Campbell resignation. Future correspondence should be addressed to attention of NS Carns. HINTZ, D.C. Arkansas Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 2pp. 53036.184-53036.185.

#### J. Insurance & Indemnity Information

**9003080502** Forwards Endorsements 93 & 7 to NELA Policies NF-210 & NW-116, Endorsements 72 & 7 to MAELU Policies MF-74 & MW-47 & Endorsements 18 to NELA Certificates N-48, N-68 & MAELU Certificates M-48 & M-68, respectively. FISICARO, J.J. Arkansas Power & Light Co. 90/02/23. Document Control Branch (Document Control Desk). 11pp. 52923.131-52923.141.

#### P. Operating license stage documents & correspondence

**9003090023** Discusses 891122 submittal of procedure to make temporary repair to non-codo svc water sys piping & to allow unit to deviate from ASME Code on Class 3 low pressure components. Temporary repairs will be reviewed on case-by-case basis. HEBDON, F.J. Project Directorate IV (881001-900602). 90/02/28. CAMPBELL, T.G. Arkansas Power & Light Co. 3pp. 52968.234-52968.236.

**9003140088** Discusses results of independent analysis of anomalous SPDS isolation devices performed by NASS, Inc. Anomalous behavior result of different circuit configuration. Requests that NRC close SPDS issue. FISICARO, J.J. Arkansas Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 3pp. 53017.277-53017.279.

**9003140296** Forwards evaluat on of reactor bldg coolers svc water isolation valve. FISICARO, J.J. Arkansas Power & Light Co. 90/03/02. Document Control Branch (Document Control Desk). 10pp. 53018.153-53018.162.

**9003150128** Application for amend to License DPR-51, changing surveillance requirements for Tech Spec Section 4.21. Change adds requirements for surveillance testing of 114V/240V & condensate demineralizer area sprinkler sys. CARNS, N.S. Arkansas Power & Light Co. 90/03/02. Document Control Branch (Document Control Desk). 7pp. 53022.009-53022.016.

**~9003150132** Proposed Tech Specs, changing surveillance requirements for Section 4.21. \* Arkansas Power & Light Co. 90/03/02. 1p. 53022.016-53022.016.

**9003280022** Responds to NRC 900116 ltr re results of programmatic audit of facility safety & performance improvement program during wk of 890909. Memo transmitted to B&W to correct typo on 890928. Transient reduction program encl. FISICARO, J.J. Arkansas Power & Light Co. 90/03/13. Document Control Branch (Document Control Desk). 5pp. 53148.230-53148.295.

**~9003280024** Rev 2 to "Transient Reduction Program for Nov 1989."

\* Arkansas Power & Light Co. 90/01/05. 81pp. 53148.235-53148.295.

**9003280123** Advises that final response to NRC questions re seismically-qualified, tornado-protected condensate storage tank extended from 900416 to 900515. Delay to engineering manpower impacts caused by 2R7 outage work. FISICARO, J.J. Arkansas Power & Light Co. 90/03/13. Document Control Branch (Document Control Desk). 2pp. 53148.012-53148.013.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc ltr encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002270153** Forwards final SALP rept for Jul 1988 - Sept 1989 & advises that util proposed approach to provide combined response to both SALP & diagnostic evaluation team rept acceptable. MARTIN, R.D. Region 4, Ofc of the Director. 90/02/13. CAMPBELL, G. Arkansas Power & Light Co. 37pp. 52756.318-52756.033.

**90032020181** Forwards Insp Repts 50-313/90-03 & 50-368/90-03 on 900108-12. No violations or deviations noted. COLLINS, S.J. Region 4, Ofc of the Director. 90/02/15. CAMPBELL, G. Arkansas Power & Light Co. 3pp. 52795.164-52795.172.

- 9003020184 Insp Repts 50-313/90-03 & 50-368/90-03 on 900108-12 No violations or derivations noted Major areas inspected status of Unit 1 inservice testing program re staff positions contained in Generic Ltr 89-04  
STEWART, R.C., BARNES, J. Region 4, Ofc of the Director 90/02/15 6pp. 52795 167-52795 172
- 9002270444 Responds to violations noted in Insp Repts 50-313/89-47 & 50-368/89-47 Corrective actions implementation of program to identify personnel failing to read radiation work permits underway & specific training sessions scheduled  
EWING, E.C. Arkansas Power & Light Co. 90/02/20. Document Control Branch (Document Control Desk) 3pp 52758 041-52758 043
- 9003020224 Ack receipt of 891204 & 11 responses to NRC 891103 ltr re violations noted in Insp Repts 50-313/89-42 & 50-368/89-42. Implementation of corrective actions to be reviewed during future insp  
COLLINS, S.J. Region 4, Ofc of the Director 90/02/20 CAMPBELL, G. Arkansas Power & Light Co 2pp 52798 289-52798 304
- 9003020265 Forwards response to notice of violation & proposed imposition of civil penalty re inoperability of svc water pumps P4A & P4C Corrective actions wiring identified by scheme numbers & schemes verified.  
CAMPBELL, T.G. Arkansas Power & Light Co. 90/02/22. Document Control Branch (Document Control Desk) 7pp 52758 145-52758 151
- 9003070002 Ack receipt of 900202 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-313/89-22 & 50-368/89-22  
COLLINS, S.J. Region 4, Ofc of the Director 90/02/22 CAMPBELL, G. Arkansas Power & Light Co 2pp 52890 290-52890 295
- 9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23 Consolidated Edison Co. of New York, Inc. 95pp 52776 262-52776 360
- 9003130034 Forwards Insp Repts 50-313/90-02 & 50-368/90-02 on 900101-31 Violations noted re failure to set all four Unit 2 steam generator level low trip channel's Notice of violation will not be issued based on licensee self-identification  
COLLINS, S.J. Region 4, Ofc of the Director 90/02/28 CAMPBELL, G. Arkansas Power & Light Co 3pp 52891 331-52891 350
- 9003130043 Insp Repts 50-313/90-02 & 50-368/90-02 on 900101-31. Violations noted Major areas inspected followup of previously identified items, followup of events, operational safety verification & surveillance/main.  
CHAMBERLAIN, D. Region 4, Ofc of the Director 90/02/23. 17pp 52991 334-52991 350
- 9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 95pp 52776 163-52776 261
- 9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp 52844 001-52844 099
- 9003070129 Requests extension to respond to violations noted in Insp Repts 50-313/89-42 & 50-368/89-42 re ASME Section XI qualified welding procedure specs  
EWING, E.C. Arkansas Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk) 2pp 52891 090-52891 091
- 9003070096 Responds to violations noted in Insp Repts 50-313/89-38 & 50-368/89-39 Corrective actions procedural controls for NDE will be upgraded to incorporate requirements of ASME Section XI, W-2841, "Layout of Component Ret Points."  
EWING, E.C. Arkansas Power & Light Co. 90/03/02. Document Control Branch (Document Control Desk) 10pp 52891 039-52891 048
- 9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 98pp 52844 103-52844 198
- 9003150074 Responds to violations noted in Insp Repts 50-313/89-45 & 50-368/89-45 Corrective actions Administrative Procedure 1032-006, "Procurement Technical Assistance," will be revised to clarify actions re equipment qualifications  
EWING, E.C. Arkansas Power & Light Co. 90/03/05. Document Control Branch (Document Control Desk) 5pp 53020 167-53020 191
- 9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06 Consolidated Edison Co. of New York, Inc. 88pp 52997 001-52997 094
- 9003140268 Advises that 900129 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown During Refueling Operations," confirmed that three listed actions either in place or implemented Response satisfactory.  
ALEXANDER, T.W. POSLUSNY, C. Project Directorate IV (891001-900602). 90/03/06 CAMPBELL, T.G. Arkansas Power & Light Co. 3pp 53018 028-53018 030
- 9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp 52997 065-52997 189
- 9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp 52997 289-52997 018
- 9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp 52844 189-52844 298
- 9003160400 Ack receipt of 900131 ltr informing NRC of steps taken to correct violation noted in Insp Repts 50-313/89-32 & 50-368/89-21 Accepts extension of corrective actions for violation from 900131 to 900330.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/07. CAMPBELL, G. Arkansas Power & Light Co 2pp 53037 070-53037 072

9003020211 NRC Info Notice 90-017, "Weight & Clr of Gravity Displacement Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 104pp 52983 098-52983 100

9003220084 Ack receipt of 900220 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-313/89-47 & 50-368/89-47.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/08. CAMPBELL, T.G. Arkansas Power & Light Co 2pp 53145 118-53145 122

9003220110 Ack receipt of 891121 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-313/89-12 & 50-368/89-12 Schedule approved change during 891109 to con noted.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/08 CAMPBELL, T.G. Arkansas Power & Light Co 3pp 53112 106-53112 200

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Valves Used on Diesel Generator Air Start Recovery Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp 52983 200-52983 200

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 108pp 52993 300-52993 300

9003200061 Forwards details of completed security perimeter inspection response to Insp Repts 50-313/87-31 & 50-368/87-31.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/09 BEACON, R. Region 4, Ofc of the Director 90/03/09 53075 112-53075 112

9003080213 NRC Info Notice 90-019, "Potential Loss of Effectiveness of Radiation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp 52997 190-52997 190

9003200280 Responds to diagnostic evaluation team report & SALC findings re 50-368/89-34 Business plan also encl Findings do not indicate adverse impact plant response during event.  
CARNS, N.S. Arkansas Power & Light Co. 90/03/14 TAYLOR, J. Director for Operations 206pp 53053 263-53053 108

9003200341 Ack receipt of 900222 ltr & payment of \$75,000 for NRC in 900122 ltr.  
LEBERMAN, J. Ofc of Enforcement (Post 870413). 90/03/15. Arkansas Power & Light Co 1p 53071 123-53071 123

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 129

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting from Radiation Incidents." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53181 001-53181 001

9003160308 NRC Info Notice 90-021, "Potential Failure of Motor Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 001

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp 53185 007-53185 007

## R. Periodic operating reports & related correspondence

9003140107 "Personnel Exposure & Monitoring Report for 1989." V. FISICARO, J.J. Arkansas Power & Light Co. 80/12/31. 6pp 53018 028-53018 028

9003150264 "Semiannual Radiological Effluent Release Report for 1989." W/900301 ltr.  
FISICARO, J.J. Arkansas Power & Light Co. 89/12/31. 35pp 53181 001-53181 001

9002280277 Forwards monthly operating report for Jan 1990 & "Annual Valve Failures & Challenges 1989."  
FISICARO, J.J. Arkansas Power & Light Co. 90/02/15. Document Control Desk. 1p 52760 328-52760 334

9002280281 "Annual Report of Safety & Relief Valve Failures & Challenges 1989." Arkansas Power & Light Co. 89/12/31. 1p 52760 334-52760 334

9003010044 Forwards monthly operating report for Jan 1990 One Unit 1 & 1989 annual report of safety & relief valve failure & FISICARO, J.J. Arkansas Power & Light Co. 90/02/15. Document Control Desk. 1p 52766 184-52766 200

9003010050 Monthly operating report for Jan 1990 for Arkansas Power & Light Co. FISICARO, J.J. Arkansas Power & Light Co. 90/01/15. 62766-189

9003200271 Monthly operating report for Feb 1990 for Arkansas Power & Light Co. FISICARO, J.J. Arkansas Power & Light Co. 90/01/15. 53105 008-53105 011

**S. Reportable occurrences, LERs & related correspondence**

**9003200100** Part 21 rept re several failures of Fairbanks Morse Engine O.V piston pins/bushings on upper pistons Caused by incorrect surface pattern on piston pins. Piston pins under listed purchase orders to be removed & replaced  
REIDER,T.J. Coit Industries, Inc 90/03/07. Region 3. Ofc of the Director. 3pp 53078:287-53078:289

**9003160178** LER 89-049-01 on 891220, discovered that Okcrite T-95 tape not used to tape internal motor lead connections for main feedwater containment isolation valves. Caused by personnel error. Valves taped according to design drawing W/ 900308 IIR  
MILLARD, D. EWING, E.C. Arkansas Power & Light Co. 80/03/08 4pp 53013:045-53013:048

**V. Operator Examinations**

**9003070139** Forwards exam results, including answer keys, grading results for facility & individual answer sheets for each examinee as result of written operating licensing exams administered on 800207. Results should be forwarded to examinees  
CALLAN, L.J. Region 4, Ofc of the Director. 90/02/26. FORCE, E.A. Arkansas Power & Light Co. GASPER, J.K. Omaha Public Power District TOTH, C.J. Louisiana Power & Light Co. 90pp. 52888:268-52888:357.

**DOCKET 60-315 DONALD C. COOK NUCLEAR POWER PLANT, UNIT 1****F. Security, medical, emergency & fire protection plans**

**9002230291** Forwards Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends modify fire protection Tech Specs to delete special reporting requirements  
GIITTER, J. Project Directorate III-1. 90/02/08. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52716:128-52716:187

**-9002230301** Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively, modifying fire protection Tech Specs to delete requirement of establishing fire watch if fire detection or suppression sys is out of svc.  
THOMA, J.O. Project Directorate III-1. 90/02/08. 53pp. 52716:131-52716:183.

**-9002230303** Safety evaluation supporting Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08 4pp. 52716:184-52716:187

**9003010410** Change 1 to Rev 3 to Procedure PMP 2080 EPP.106, "Initial Offsite Notification"  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/15 11pp. 52780:269-52780:279.

**9003010454** Responds to NRC 890914 request for addl info re safe shutdown methodology. App R fire barriers being maintained & surveilled under 3/4.7.10 for Units 1 & 2.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/21. Document Control Branch (Document Control Desk). 20pp 52784:205-52784:315.

**9003090148** Rev 1 to PMP-2081 EPP.208, "Emergency Radiation Protection."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/26. 57pp 52946:282-52946:338.

**9003090285** Advises that 891130 Rev B to physical security plan consistent w/provisions of 10CFR50.54(a) & acceptable.  
GREGER, L.R. Region 3, Ofc of the Director. 90/03/01. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 1p. 52967:045-52967:045

**9003140026** Change Sheet 1 to Rev 3 to Procedure PMP 2080 EPP.106, "Initial Offsite Notification."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/03/01 3pp. 53016:280-53016:282.

**9003200188** Forwards Safety Insps 60-316/89-34 & 50-316/89-34 on 891227-900206. No violations noted.  
AXELSON, W.L. Region 3, Ofc of the Director. 90/03/13. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 53077:304-53077:324.

**-9003200191** Insp Repts 50-316/89-34 & 50-316/89-34 on 891227-900206. No open or unresolved items noted. Major areas inspected: plant operations, ESF activations, plant winterization, emergency preparedness & Generic Ltr 88-17 re loss of DIIR.  
BURGESS, D.L. Region 3, Ofc of the Director. 90/03/13. 10pp. 53077:306-53077:324.

**J. Insurance & indemnity information**

**9003150151** Forwards annual rept to NRC per 10CFR50.54(W)(2) re nuclear property insurance.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/03/06. Document Control Branch (Document Control Desk). 3pp. 53025:150-53025:152.

**P. Operating license stage documents & correspondence**

**9002230291** Forwards Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends modify fire protection Tech Specs to delete special reporting requirements.  
GIITTER, J. Project Directorate III-1. 90/02/08. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52716:128-52716:187.

**-9002230301** Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively, modifying fire protection Tech Specs to delete requirement of establishing fire watch if fire detection or suppression sys is out of svc.  
THOMA, J.O. Project Directorate III-1. 90/02/08. 53pp. 52716:131-52716:183.

**-9002230303** Safety evaluation supporting Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 52716:184-52716:187.

**9003020151** Forwards Amends 131 & 116 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends require portions of sys used to achieve safe shutdown via cross ties to be operable regardless of unit operating status.  
GIITTER, J. Project Directorate III-1. 90/02/08. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52800:211-52800:281.

**-9003020153** Amends 131 & 116 to Licenses DPR-58 & DPR-74, respectively, requiring portions of sys used to achieve safe shutdown via cross ties to be operable regardless of unit operating status.  
THOMA, J.O. Project Directorate III-1. 90/02/08 44pp. 52800:214-52800:257.

**-9003020154** Safety evaluation supporting Amends 131 & 116 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 52800:258-52800:261

**9002230452** Summarizes 900131 meeting w/ unit re small bore piping design confirmation program proposed for plant. List of attendees and basis for screening criteria for valve eccentricity objected.  
GIITTER, J.G. Project Directorate III-1. 90/02/16. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 30pp 52715:279-52715:317.

**9003010141** Provides revised comments in response to NRR comments during 891213 to "on re allowable stresses for piping & piping supports."  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/16. MURLEY, T.E. Document Control Branch (Document Control Desk). 10pp. 52815:303-52815:312.

**9003090172** Forwards Rev 2 to "DC Cook Nuclear Plant Units 1 & 2 Inservice Testing Pump Program," Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program" & Rev 3 to "DC Cook, Unit 1, Program," in response to 890829 SER.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/16. MURLEY, T.E. Document Control Branch (Document Control Desk). 2pp. 52989:033-52989:188.

**-9003090178** Rev 2 to "DC Cook Nuclear Plant Units 1 & 2 Inservice Testing Pump Program."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/05. 15pp. 52909:035-52989:049.

**-9003090183** Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/05. 250pp. 52988:050-52988:290.

**-9003090184** Rev 3 to "DC Cook Nuclear Plant Unit 1 Inservice Testing Valve Program."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/05. 247pp. 52989:300-52989:188.

**9003010454** Responds to NRC 890914 request for addl info re safe shutdown methodology. App R fire barriers being maintained & surveilled under 3/4.7.10 for Units 1 & 2.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/21. Document Control Branch (Document Control Desk). 20pp. 52784:295-52784:315.

**9003050160** Advises that audit of boric acid corrosion prevention program resulted in acceptable finding per Generic Ltr 88-05. Trip rept covering results of audit encl.  
GIITTER, J.G. Project Directorate III-1. 90/02/22. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 17pp. 52823:145-52823:161.

**9003160320** Confirms discussion re mgt meeting on 900315 in Bridgman, MI to discuss plant maint. mail condition & other items of mutual interest.  
GREENMAN, E.G. Region 3, Ofc of the Director. 90/03/09. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp 53020:359-53020:360.

**9003200179** Forwards Amends 132 & 117 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends delete Figures 6-2-1 & 6-2-2 re organizational relationships within American Electric Power Sys from Tech Specs per Generic Ltr 88-08.  
GIITTER, J. Project Directorate III-1. 90/03/09. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 63149:041-63149:080.

**-9003200182** Amends 132 & 117 to Licenses DPR-58 & DPR-74, respectively, deleting Figures 6-2-1 & 6-2-2 re organizational relationship within American Electric Power Sys from Tech Specs.  
THOMA, J.O. Project Directorate III-1. 90/03/09. 14pp. 63149:044-63149:057.

**-9003200186** Safety evaluation supporting Amends 132 & 117 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/09. 3pp. 63149:058-63149:060.

**9003200279** Requests addl info re licensee 890830 amend application under Generic Ltr 87-09 for exceptions to Tech Spec 3.0.4, including affirmation that remedial measures prescribed for affected action statements consistent w/updated SAR.  
GIITTER, J. Project Directorate III-1. 90/03/13. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 4pp. 63079:122-63079:125.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 63195:014-63195:089.

9003090172 Forwards Rev 2 to "DC Cook Nuclear Plant Unit 1 & 2 Inservice Testing Pump Program." Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program." Rev 3 to "DC Cook, Unit 1, Program." in response to 890829 SER ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/16. MURLEY,T.E. Document Control Branch (Document Control Desk). 2pp 52969 533-52990 186.

-9003090184 Rev 3 to "DC Cook Nuclear Plant Unit 1 Inservice Testing Valve Program." Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/05. 247pp 52989 300-52990 186.

9003090173 Confirms discussion between B. Burgess & S. Brewer re 900227 enforcement conference to discuss main steam stop valves & respective dump valves. GREENMAN,E.G. Region 3, Ofc of the Director. 90/02/21. ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52800.031-52600 033

9003090173 Forwards Insp Repts 50-315/90-05 & 50-316/90-05 on 900108-0202 Potential significant issues re historic testing & maint practices involving main steam stop valves & auxiliaries of units noted Violations being reviewed GREENMAN,E.G. Region 3, Ofc of the Director. 90/02/21. ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52923.150-52923 163

-9003080318 Insp Repts 50-315/90-05 & 50-316/90-05 on 900108-0202. Potential significant issues noted Major areas inspected. Unit 2 main steam stop valve stroke timing events, including cause assessment & corrective actions BURGESS,B.L. Region 3, Ofc of the Director. 90/02/20 12pp 52923.152-52923 163.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp 52776.262-52776 360

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 88pp 52844 001-52844 099.

9003140285 Forwards Special Maint Team Insp Repts 50-315/89-31 & 50-316/89-31 on 891204-08 & 18-22 & notice of violation. MILLER,H.J. Region 3, Ofc of the Director. 90/03/01. ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 53000 088-53000 137.

-9003140287 Notice of violation from Insp on 891204-08 & 18-22. Violations noted test instruments not accurate to verify calibr of undervoltage relays that activate emergency diesel generators & listed deviations from procedures. MILLER,H.J. Region 3, Ofc of the Director. 90/03/01. 4pp 53000.090-53000 093.

-9003140288 Insp Repts 50-315/89-31 & 50-316/89-31 on 891204-08 & 18-22. Violations noted Major areas inspected maint, engineering, inservice testing, support of maint & related mgt activities. FALEVITS,Z., OEY,M., GITTER,J. Region 3, Ofc of the Director. 90/03/01. 44pp. 53000 094-53000 137.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844-100-52844 188.

9002280041 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997 094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp 52997.085-52997 189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52987-288-52988 018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844 288.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-086-52963 199.

-9003210201 Notice of violation from enforcement conference on 891204-08 & 18-22. Violations noted Unit 2 continuously operated in Modes 1,2 & 3 from 890829 SER ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/03/09. 1p. 53112 082-53112 086.

-9003210203 Enforcement Conference Repts 50-315/90-08 & 50-316/90-08. Violations noted Major areas inspected violation of Tech Spec steam stop valves to be "Operable" for plant operation in Modes 1,2 & 3 BURGESS,B.L. Region 3, Ofc of the Director. 90/03/09. 4pp. 53112 082-53112 086.

9003200188 Forwards Safety Insps 50-315/89-34 & 50-316/89-34 on 891227-900206 No violations noted. AXELSON,W.L. Region 3, Ofc of the Director. 90/03/13. ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp 53077 001-53077 001.

-9003200191 Insp Repts 50-315/89-34 & 50-316/89-34 on 891227-900206 No violations noted. AXELSON,W.L. Region 3, Ofc of the Director. 90/03/13. 19pp. 53077 001-53077 001.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol Circulation Spray at PWR Facilities." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 89pp 52997 100-52997 261.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Bow." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 89pp 53035 129-53035 261.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Restoration of Radwaste Incinerators." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 91pp 53166 001-53166 001.

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Valves to Operate Because Valve Seat Friction Was Underestimated." ROSSIC.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132 001.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activation of Power to Resumount Transmitter Trip Units." Svc list encl. ROSSIC.E. Division of Operational Events Assessment (Post 870411). Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 007.

## R. Periodic operating reports & related correspondence

9003020167 "Semiannual Radioactive Effluent Release Rept for June 1990." ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 89/12/31. MURLEY,T.E. Document Control Branch (Document Control Desk). 52797-115-52797 227.

9003080293 "Annual Operating Rept for DC Cook Nuclear Plant for 1989." BORGREN,J.E., SVENSSON,B.A., ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 89/12/31. 60pp. 52903 210-52903 210.

9003080383 Submits annual rept of changes to or errors in acceptable models or application of models for plants. WFLASH analyses with NOTRUMP analyses for Unit 2 Cycle 8 reload. ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/22. MURLEY,T.E. NRC - No Detailed Affiliation Given. 52858 131.

## S. Reportable occurrences, LERs & related correspondence

9003220062 Special rept on 900128,0202,08 & 15, four fire suppression systems operable longer than allowed by Tech Spec 3.7.10 Fire Door 381 due to door being removed for replacement. Fire watch maintained. BLIND,A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/03/08. DAVIS,A.B. Document Control Branch (Document Control Desk). 53124 216-53124 216.

## V. Operator Examinations

9002260269 Forwards Exam Rept 50-315/OL-90-01 of both full & partial 900128. One senior reactor operator candidate failed exam, in part due to reactor operator level during simulator portion of exam. Subj candidate. WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/12. ALEXICH.M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 527 001-527 001.

**90022020122** Exam Rept 50-315/OL-90-01 of both facilities on 900129-0202 Exam results reactor operator candidate & one senior reactor operator candidate failed exams. All remaining candidates passed exams.  
SHEMBARGER, K., SHEPARD, D., DAMON, D. Region 3, Ofc of the Director. 90/02/12 13pp 52726-280-52726-282.

**9003020159** Advises of operator & senior licensing exams scheduled for wk of 900825. Ref mat listed in Encl 1 should be furnished 60 days prior to exam date.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/21. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 13pp 52816-245-52816-257.

## **DOCKET 50-316 DONALD C. COOK NUCLEAR POWER PLANT, UNIT 2**

### **F. Security, medical, emergency & fire protection plans**

**90022020291** Forwards Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends modify fire protection Tech Specs to delete special reporting requirements.  
GITTER, J. Project Directorate III-1. 90/02/08. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 3pp 52716-128-52716-187.

**90022030301** Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively, modifying fire protection Tech Specs to delete requirement of establishing fire watch if fire detection or suppression sys is out of svc.  
THOMA, J.O. Project Directorate III-1. 90/02/08. 53pp 52716-131-52716-183.

**90022030303** Safety evaluation supporting Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 52716-184-52716-187.

**9003010410** Change 1 to Rev 3 to Procedure PMP 2080 EPP.106, "Initial Offsite Notification".  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/15 11pp 52780-269-52780-279.

**9003010454** Responds to NRC 890914 request for addl info re safe shutdown methodology App R fire barriers being maintained & surveilled under 3/4.7.10 for Units 1 & 2.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/21. Document Control Branch (Document Control Desk) 20pp 52784-295-52784-315.

**9003090146** Rev 1 to PMP-2081 EPP.208, "Emergency Radiation Protection."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/26 57pp. 52946-282-52946-338.

**9003090285** Advises that 891130 Rev 8 to physical security plan consistent w/provisions of 10CFR50.54(a) & acceptable.  
GREGG, L.R. Region 3, Ofc of the Director. 80/03/01. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 1p. 52067-045-52067-045.

**9003140028** Change Sheet 1 to Rev 3 to Procedure PMP 2080 EPP.106, "Initial Offsite Notification".  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/03/01. 3pp. 53016-280-53016-282.

**9003200188** Forwards Safety Insp 50-315/89-34 & 50-316/89-34 on 891227-800206 No violations noted.  
AXELSON, W.L. Region 3, Ofc of the Director. 90/03/13. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 2pp. 53077-304-53077-324.

**9003200181** Insp Repts 50-315/89-34 & 50-316/89-34 on 891227-800206 No open or unresolved items noted. Major areas inspected: plant operations, ESF activations, plant winterization, emergency preparedness & Generic Ltr 88-17 re loss of DHR.  
BURGESS, B.L. Region 3, Ofc of the Director. 90/03/13. 19pp. 53077-306-53077-324.

### **J. Insurance & Indemnity Information**

**9003150161** Forwards annual rept to NRC per 10CFR50.54(W)(2) re nuclear property insurance.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/03/06. Document Control Branch (Document Control Desk). 3pp 53025-150-53025-152.

### **P. Operating license stage documents & correspondence**

**90022020291** Forwards Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends modify fire protection Tech Specs to delete special reporting requirements.  
GITTER, J. Project Directorate III-1. 90/02/08. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 3pp 52716-128-52716-187.

**90022030301** Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively, modifying fire protection Tech Specs to delete requirement of establishing fire watch if fire detection or suppression sys is out of svc.  
THOMA, J.O. Project Directorate III-1. 90/02/08. 53pp. 52716-131-52716-183.

**90022030303** Safety evaluation supporting Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp 52716-184-52716-187.

**9003020151** Forwards Amends 131 & 116 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends require portions of sys used to achieve safe shutdown via cross ties to be operable regardless of unit operating status.  
GITTER, J. Project Directorate III-1. 90/02/08. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 3pp. 52800-211-52800-261.

**9003020153** Amends 131 & 116 to Licenses DPR-58 & DPR-74, respectively, requiring portions of sys used to achieve safe shutdown via cross ties to be operable regardless of unit operating status.  
THOMA, J.O. Project Directorate III-1. 90/02/08. 44pp. 52800-214-52800-267.

**9003020154** Safety evaluation supporting Amends 131 & 116 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 52800-258-52800-261.

**9002203452** Summarizes 900131 meeting w/ull re safe piping design confirmation program proposed for plant list of attendees encl Basis for screening criteria for valve accessibility objected.  
GITTER, J.G. Project Directorate III-1. 90/02/16. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 39pp 52715-278-52715-317.

**9003010141** Provides revised comments in response to NRR comments during 891213 telcon re allowable stresses for piping & piping supports.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/16. MURLEY, T.E. Document Control Branch (Document Control Desk). 10pp 52815-303-52815-312.

**9003090172** Forwards Rev 2 to "DC Cook Nuclear Plant Units 1 & 2 Inservice Testing Pump Program," Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program" & Rev 3 to "DC Cook, Unit 1. Program..." in response to 890828 SER.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/16. MURLEY, T.E. Document Control Branch (Document Control Desk) 2pp. 52889-033-52889-188.

**9003090178** Rev 2 to "DC Cook Nuclear Plant Units 1 & 2 Inservice Testing Pump Program."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/05. 15pp. 52889-035-52889-049.

**9003090183** Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/05 250pp. 52889-050-52889-299.

**9003010454** Responds to NRC 890914 request for addl info re safe shutdown methodology App R fire barriers being maintained & surveilled under 3/4.7.10 for Units 1 & 2.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/21. Document Control Branch (Document Control Desk) 20pp 52784-295-52784-315.

**9003050160** Advises that audit of boric acid corrosion prevention program resulted in acceptable finding per Generic Ltr 89-05 Trip rept covering results of audit and.  
GITTER, J.G. Project Directorate III-1. 90/02/22. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 17pp. 52823-145-52823-161.

**9003200189** Withdraws 890203 application for amend to License DPR-74, modifying Tech Spec Table 3.2-1 re DNB parameters to express RCS flow rate on volumetric rather than mass basis.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/27. MURLEY, T.E. Document Control Branch (Document Control Desk) 2pp. 52798-263-52798-264.

**9003150159** Modifies application for amend to License DPR-74 re Cycle 8, per 890228 letcon.  
ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/03/08. MURLEY, T.E. Document Control Branch (Document Control Desk). 1p. 53021-270-53021-273.

**9003150205** Proposed Tech Specs re Cycle 8 operation.  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 80/03/08 3pp. 53021-271-53021-273.

**9003150320** Confirms discussion re mgt meeting on 900315 in Bridgman, MI to discuss plant maint. mat condition & other items of mutual interest.  
GREENMAN, E.G. Region 3, Ofc of the Director. 90/03/09. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 2pp 53020-358-53020-360.

**9003200179** Forwards Amends 132 & 117 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends delete Figures 6.2-1 & 6.2-2 re organizational relationships within American Electric Power Sys from Tech Specs per Generic Ltr 88-06.  
GITTER, J. Project Directorate III-1. 90/03/09. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 3pp 53149-041-53149-060.

**9003200182** Amends 132 & 117 to Licenses DPR-58 & DPR-74, respectively, deleting Figures 6.2-1 & 6.2-2 re organizational relationship within American Electric Power Sys from Tech Specs.  
THOMA, J.O. Project Directorate III-1. 90/03/09. 14pp 53149-044-53149-057.

**9003200186** Safety evaluation supporting Amends 132 & 117 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/09. 3pp. 53149-058-53149-060.

**9003200278** Requests addl info re license 890830 amend application under Generic Ltr 87-09 for exceptions to Tech Spec 3.0.4, including affirmation that remedial measures prescribed for affected action statements consistent w/updated SAR.  
GITTER, J. Project Directorate III-1. 90/03/13. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 4pp. 53078-122-53078-125.

**9003140069** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consol dated Edson Co. of New York, Inc. 65pp. 63195-014-63195-089.

### **Q. Inspection reports, IE Bulletins & correspondence**

**9002260269** Forwards Exam Rept 50-315/OL-90-01 of both facilities for wk of 900129. One senior reactor operator candidate failed exam, in part due to weakness at reactor operator level during simulator portion of exams. Subj candidate removed from duty.  
WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 2pp. 52726-278-52726-292.

## Q. Inspection reports, IE Bulletins &amp; correspondence

9002280260 Forwards Exam Rept 50-315/OL-90-01 of both facilities for wk of 900129. One senior reactor operator candidate failed exam, in part due to weakness at reactor operator level during simulator portion of exams. Subj candidate removed from duty.

WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52726-276-52726-292.

9002280272 Exam Rept 50-315/OL-90-01 of both units on 900129-0202 Exam results reactor operator candidate & one senior reactor operator candidate failed exams. All remaining candidates passed exams.

SHEMBARGER, K., SHEPARD, D., DANNON, D. Region 3, Ofc of the Director. 90/02/12. 13pp. 52726-280-52726-292.

9003090172 Forwards Rev 2 to "DC Cook Nuclear Plant Units 1 & 2 Inservice Testing Pump Program." Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program." & Rev 3 to "DC Cook Nuclear Plant Unit 1 Program." In response to 890829 SER. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/16. MURLEY, T.E. Document Control Branch (Document Control Desk). 2pp. 52989-033-52989-166.

9003090184 Rev 3 to "DC Cook Nuclear Plant Unit 1 Inservice Testing Valve Program." Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/05. 247pp. 52989-300-52989-166.

9003020173 Confirms discussion between B Burgess & S Brewer re 900227 enforcement conference to discuss main steam stop valves & respective dump valves.

GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/21. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52800-031-52800-033.

9003080131 Forwards Insp Repts 50-315/90-05 & 50-316/90-05 on 900109-0202. Potential significant issues re historic testing & maint practices involving main steam stop valves & auxiliaries of units noted. Violations being reviewed.

GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/21. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52823-150-52823-163.

9003080318 Insp Repts 50-315/90-05 & 50-316/90-05 on 900108-0202. Potential significant issues noted. Major areas inspected: Unit 2 main steam stop valve stroke timing events including cause assessment & corrective actions.

BURGESS, B.L. Region 3, Ofc of the Director. 90/02/20. 12pp. 52923-152-52923-163.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776-282-52776-360.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-183-52776-261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844-099.

9003140285 Forwards Special Maint Team Insp Repts 50-315/89-31 & 50-316/89-31 on 891204-08 & 18-22 & notice of violation.

MILLER, H.J. Region 3, Ofc of the Director. 90/03/01. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 53000-088-53000-137.

9003140287 Notice of violation from Insp on 891204-08 & 18-22. Violations noted: test instruments not accurate to verify calibr of undervoltage relays that actuate emergency diesel generators & listed deviations from procedures.

MILLER, H.J. Region 3, Ofc of the Director. 90/03/01. 4pp. 53000-090-53000-093.

9003140288 Insp Repts 50-315/89-31 & 50-316/89-31 on 891204-08 & 18-22. Violations noted: Major areas inspected: maint, engineering, inservice testing, support of maint & related mgmt activities.

FALEVITS, Z., DEY, M., GITTER, J. Region 3, Ofc of the Director. 90/03/01. 44pp. 53000-094-53000-137.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844-100-52844-188.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.

CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.

CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.

BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52987-288-52988-018.

9003010293 Suppl 2 to NRC Info Notice 88-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-288.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-096-52963-199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-289.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52983-300-52984-048.

9003210197 Forwards Enforcement Conference Repts 50-315/90-08 & 50-316/90-08 on 900227 & notice of violation.

GREENMAN, E.G. Region 3, Ofc of the Director. 90/03/09. ALEXICH, M.P. American Electric Power Service Corp. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 53112-092-53112-098.

9003210201 Notice of violation from enforcement conference on 900227. Violation noted: Unit 2 continuously operated in Modes 1, 2 & 3 from 890820-0815 & 0817. 900108 w/stop Valve 2-MRV-210 inoperable.

GREENMAN, E.D. Region 3, Ofc of the Director. 90/03/09. 1p. 53112-094-53112-094.

9003210203 Enforcement Conference Repts 50-315/90-08 & 50-316/90-08 on 900227. Violation noted: Major areas inspected: violation of Tech Specs requiring main steam stop valves to be "Operable" for plant operation in Modes 1, 2 & 3.

BURGESS, B.L. Region 3, Ofc of the Director. 90/03/09. 4pp. 53112-095-53112-098.

9003200188 Forwards Safety Insps 50-315/89-34 & 50-316/89-34 on 891227-900206. No violations noted.

AXELSON, W.L. Region 3, Ofc of the Director. 90/03/13. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 53077-304-53077-324.

9003200191 Insp Repts 50-315/89-34 & 50-316/89-34 on 891227-900206. No open or unresolved items noted: Major areas inspected: plant operations, ESF actuations, plant instrumentation, emergency preparedness & Generic Lu 88-17 re loss of DHR.

BURGESS, B.L. Region 3, Ofc of the Director. 90/03/13. 19pp. 53077-306-53077-324.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-228.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.

CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53188-057-53188-147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 63132-001-63132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

R. Periodic operating reports & related correspondence

9003020167 "Semi-annual Radioactive Effluent Release Rept for Jul-Dec 1989." W/ 900227 lr.

ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 89/12/31. MURLEY, T.E. Document Control Branch (Document Control Desk). 113pp. 52797-115-52797-227.

9003080293 "Annual Operating Rept for DC Cook Nuclear Plant for 1989." W/900228 lr.

BORGREN, J.E., SVENSSON, B.A., ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 89/12/31. 60pp. 52893-210-52893-269.

9003080383 Submits annual rept of changes to or errors in acceptable LOCA evaluation models or application of models for plants. WFLASH analyses will be superseded by NOTRUMP analyses for Unit 2, Cycle 8 reload.

ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/22. MURLEY, T.E. NRC - No Detailed Affiliation Given. 11pp. 62858-121-62858-131.

S. Reportable occurrences, LERs & related correspondence

9003220062 Special rept on 900129, 0202, 08 & 15, four fire suppression components inoperable longer than allowed by Tech Spec 3.7.10. Fire Door 391 declared inoperable due to door being removed for replacement. Fire watch maintained.

BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/03/08. DAVIS, A.B. Document Control Branch (Document Control Desk). 2pp. 53124-215-53124-216.

V. Operator Examinations

9002280269 Forwards Exam Rept 50-315/OL-90-01 of both facilities for wk of 900129. One senior reactor operator candidate failed exam, in part due to weakness at reactor operator level during simulator portion of exams. Subj candidate removed from duty.

WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52726-278-52726-292.

02260272 Exam Rept 50-315/OL-90-01 of both units on 900129-0202 Exam results reactor operator candidate & one senior reactor operator candidate failed exams. All remaining candidates passed exams.  
\* HEMBARGER, K. SHEPARD, D., DAMON, D. Region 3, Ofc of the Director. 90/02/12. 3pp. 52726-280-52726-282.

90020159 Advises of operator & senior licensing exams scheduled for wk of 00625. Reel listed in Encl 1 should be furnished 60 days prior to exam date.  
\* WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/21. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 13pp. 52816-245-52816-257.

## CKET 50-316 DONALD C. COOK NUCLEAR POWER PLANT, UNIT 2

### Security, medical, emergency & fire protection plans

900230291 Forwards Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends modify fire protection Tech Specs to delete special re-entrance requirements.  
\* GITTER, J.G. Project Directorate III-1. 90/02/08. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 3pp. 52716-128-52716-187.

900230301 Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively, modifying re protection Tech Specs to delete requirement of establishing fire watch if fire detection or suppression sys is out of svc.  
\* HOMA, J.O. Project Directorate III-1. 90/02/08. 53pp. 52716-131-52716-183.

900230303 Safety evaluation supporting Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 2716-184-52716-187.

90010410 Change 1 to Rev 3 to Procedure PMP 2080 EPP 108, "Initial Offsite Notification."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/16. 1pp. 52780-268-52780-278.

90010454 Responds to NRC 890914 request for addl info re safe shutdown methodology App R fire barriers being maintained & surveilled under 3/4.7.10 for Units 1 & 2.  
\* ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 00/02/21. Document Control Branch (Document Control Desk). 20pp. 52784-285-52784-315.

90090148 Rev 1 to PMP-2081.EPP.208, "Emergency Radiation Protection."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/26. 7pp. 52946-282-52946-338.

90090285 Advises that 891130 Rev 8 to physical security plan consistent w/provisions of 10CFR50.54(a) & acceptable.  
\* REGER, L.R. Region 3, Ofc of the Director. 90/03/01. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 1p. 52967-045-52967-045.

90010028 Change Sheet 1 to Rev 3 to Procedure PMP 2080 EPP 108, "Initial Offsite Notification."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/03/01. pp. 53016-280-53016-282.

9000188 Forwards Safety Insp 50-315/89-34 & 50-316/89-34 on 891227-00206. No violations noted.  
\* XELSON, W.L. Region 3, Ofc of the Director. 90/03/13. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 2pp. 53077-304-53077-324.

900200191 Insp Repts 50-315/89-34 & 50-316/89-34 on 891227-900206. No open or unresolved items noted. Major areas inspected: plant operations, ESF actuations, plant instrumentation, emergency preparedness & Generic Ltr 88-17 re loss of DHR.  
\* URGESS, B.L. Region 3, Ofc of the Director. 90/03/13. 19pp. 53077-308-53077-324.

### Insurance & indemnity information

900150151 Forwards annual rept to NRC per 10CFR50.54(W)(2) re nuclear property insurance.  
\* ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/03/08. Document Control Branch (Document Control Desk). 3pp. 53026-160-53026-162.

### Operating license stage documents & correspondence

900230291 Forwards Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends modify fire protection Tech Specs to delete special re-entrance requirements.  
\* GITTER, J.G. Project Directorate III-1. 90/02/08. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 3pp. 52716-128-52716-187.

900230301 Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively, modifying re protection Tech Specs to delete requirement of establishing fire watch if fire detection or suppression sys is out of svc.  
\* HOMA, J.O. Project Directorate III-1. 90/02/08. 53pp. 52716-131-52716-183.

900230303 Safety evaluation supporting Amends 130 & 115 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 2716-184-52716-187.

90010151 Forwards Amends 131 & 116 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends require portions of sys used to achieve safe shutdown via cross ties to be operable regardless of unit operating status.  
\* GITTER, J.G. Project Directorate III-1. 90/02/08. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 3pp. 52800-211-52800-281.

90020153 Amends 131 & 116 to Licenses DPR-58 & DPR-74, respectively, requiring portions of sys used to achieve safe shutdown via cross ties to be operable regardless of unit operating status.  
\* HOMA, J.O. Project Directorate III-1. 90/02/08. 44pp. 52800-214-52800-257.

9003020154 Safety evaluation supporting Amends 131 & 116 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 52800-258-52800-261.

900230452 Summarizes 900131 meeting w/utl re small bore piping design confirmation program proposed for plant. List of attendees encl. Basis for screening criteria for valve eccentricity objected.  
\* GITTER, J.G. Project Directorate III-1. 90/02/16. ALEXICH, M. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 39pp. 52715-278-52715-317.

9003010141 Provides revised comments in response to NRC comments during 891213 telcon re allowable stresses for piping & piping supports.  
\* ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/16. MURLEY, T.E. Document Control Branch (Document Control Desk). 10pp. 52815-303-52815-312.

9003090172 Forwards Rev 2 to "DC Cook Nuclear Plant Units 1 & 2 Inservice Testing Pump Program," Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program" & Rev 3 to "DC Cook Unit 1 Program..." in response to 890829 SER.  
\* ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/16. MURLEY, T.E. Document Control Branch (Document Control Desk). 2pp. 52989-033-52989-188.

9003090176 Rev 2 to "DC Cook Nuclear Plant Units 1 & 2 Inservice Testing Pump Program."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/05. 15pp. 52989-035-52989-049.

9003090183 Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program."  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/05. 250pp. 52989-050-52989-200.

9003010454 Responds to NRC 890914 request for addl info re safe shutdown methodology App R fire barriers being maintained & surveilled under 3/4.7.10 for Units 1 & 2.  
\* ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/21. Document Control Branch (Document Control Desk). 20pp. 52784-285-52784-315.

9003050180 Advises that audit of boric acid corrosion prevention program resulted in acceptable finding per Generic Ltr 88-05. Trip rept covering results of audit encl.  
\* GITTER, J.G. Project Directorate III-1. 90/02/22. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 17pp. 52823-145-52823-181.

9003020199 Withdraws 890203 application for amend to License DPR-74, modifying Tech Spec Table 3-2-1 re DNB parameters to express RCS flow rate on volumetric rather than mass basis.  
\* ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/27. MURLEY, T.E. Document Control Branch (Document Control Desk). 2pp. 52798-263-52798-264.

9003150159 Modifies application for amend to License DPR-74 re Cycle 8, per 900228 telcon.  
\* ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/03/08. MURLEY, T.E. Document Control Branch (Document Control Desk). 1p. 53021-276-53021-273.

9003150205 Proposed Tech Specs re Cycle 8 operation.  
\* Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/03/06. 3pp. 53021-271-53021-273.

9003150320 Confirms discussion re mgt meeting on 900315 in Bridgman, MI to discuss plant maint. mail condition & other items of mutual interest.  
\* GREENMAN, E.G. Region 3, Ofc of the Director. 90/03/09. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 2pp. 53020-359-53020-360.

9003230179 Forwards Amends 132 & 117 to Licenses DPR-58 & DPR-74, respectively & safety evaluation Amends delete Figures 8-2-1 & 8-2-2 re organizational relationships within American Electric Power Sys from Tech Specs per Generic Ltr 88-08.  
\* GITTER, J.G. Project Directorate III-1. 90/03/09. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 3pp. 53140-041-53149-080.

9003230182 Amends 132 & 117 to Licenses DPR-58 & DPR-74, respectively, deleting Figures 8-2-1 & 8-2-2 re organizational relationship within American Electric Power Sys from Tech Specs.  
\* THOMA, J.O. Project Directorate III-1. 90/03/09. 14pp. 53148-044-53149-057.

9003230186 Safety evaluation supporting Amends 132 & 117 to Licenses DPR-58 & DPR-74, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/09. 3pp. 53148-058-53149-060.

9003200279 Requests addl info re license 890830 amend application under Generic Ltr 87-07 for exceptions to Tech Spec 3.0.4, including affirmation that remedial measures prescribed for affected action statements consistent w/updated SAR.  
\* GITTER, J.G. Project Directorate III-1. 90/03/13. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 4pp. 53079-122-53079-125.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
\* PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53185-014-53185-089.

### Q. Inspection reports, IE Bulletins & correspondence

9002280289 Forwards Exam Rept 50-315/OL-90-01 of both facilities for wk of 900120. One senior reactor operator candidate failed exam, in part due to weakness at reactor operator level during simulator portion of exams. Subj candidate removed from duty.  
\* WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 2pp. 52728-278-52728-282.



-9002260272 Exam Rept 50-315/OL-90-01 of both units on 900129-0202 Exam results reactor operator candidate & one senior reactor operator candidate failed exams. All remaining candidates passed exams. SHEMBARGER, K., BURDICK, T. Region 3, Ofc of the Director. 90/02/12. 13pp. 52726-280-52726-292.

9003090172 Forwards Rev 2 to "DC Cook Nuclear Plant Units 1 & 2 Inservice Testing Pump Program." Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program." & Rev 3 to "DC Cook Unit 1 Program." In response to 890829 SER. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/16. MURLEY, T.E. Document Control Branch (Document Control Desk). 2pp. 52989-033-52990-166.

-9003090183 Rev 3 to "DC Cook Nuclear Plant Unit 2 Inservice Testing Valve Program." Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/05. 250pp. 52989-050-52989-299.

9003020173 Confirms discussion between B Burgess & S Brewer re 900227 enforcement conference to discuss main steam stop valves & respective dump valves. GREENMAN, E. Region 3, Ofc of the Director. 90/02/21. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 3pp. 52800-031-52800-033.

9003050187 EN-69-023 on 900226 notice of violation & proposed imposition of civil penalty in amount of \$75,000 will be issued based on inoperability of turbine-driven auxiliary feedwater pump since initial plant startup in 1978. TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/21. 1p. 52837-243-52837-243.

9003080313 Forwards Insp Repts 50-315/89-05 & 50-316/90-05 on 900108-0202 Potential significant issues re historic testing & maint practices involving main steam stop valves & auxiliaries of units noted violations being reviewed. GREENMAN, E. Region 3, Ofc of the Director. 90/02/21. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 52823-150-52823-163.

-9003080318 Insp Repts 50-315/89-05 & 50-316/90-05 on 900108-0202 Potential significant issues noted Major areas inspected: Unit 2 main steam stop valve stroke timing events including cause assessment & corrective actions. BURGESS, B.L. Region 3, Ofc of the Director. 90/02/20. 12pp. 52823-152-52823-163.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776-262-52776-360.

9003050184 Discusses Safety Insp 50-316/89-28 on 891016-20-24-26 & 1204 & forwards notice of violation & proposed imposition of civil penalty in amount of \$75,000 Violation based on 10-yr plant operation w/auxiliary feedwater sys degraded. DAVIS, A.B. Region 3, Ofc of the Director. 90/02/26. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 4pp. 52837-174-52837-188.

-9003050165 Notice of violation & proposed imposition of civil penalty in amount of \$75,000 Violation noted failure to have three independent steam generator auxiliary feedwater pumps & flow paths operable from 780631-891110. DAVIS, A.B. Region 3, Ofc of the Director. 90/02/26. 2pp. 52837-178-52837-188.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-183-52776-261.

9002230379 NRC Info Notice 90-012, "Monitoring of Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844-099.

9003120358 Forwards response to NRC Info Notice 89-056 re questionable certification of mail supplied to DOD by nuclear suppliers. Mail capable of performing design function & acceptable for continued use. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/28. Document Control Branch (Document Control Desk). 5pp. 52975-142-52975-148.

9003140285 Forwards Special Maint Team Insp Repts 50-315/89-31 & 50-316/89-31 on 891204-08 & 18-22 & notice of violation. MILLER, H.J. Region 3, Ofc of the Director. 90/03/01. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 53000-088-53000-137.

-9003140287 Notice of violation from Insp on 891204-08 & 18-22. Violations noted test instruments not accurate to verify calibr of undervoltage relays that actuate emergency diesel generators & listed deviations from procedures. MILLER, H.J. Region 3, Ofc of the Director. 90/03/01. 4pp. 53000-090-53000-093.

-9003140288 Insp Repts 50-315/89-31 & 50-316/89-31 on 891204-08 & 18-22. Violations noted Major areas inspected maint, engineering, inservice testing, support of maint & related mgmt activities. FALEVITS, Z., DEY, M., GLITTER, J. Region 3, Ofc of the Director. 90/03/01. 44pp. 53000-094-53000-137.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Matts." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-084.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52998-018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-098-52963-199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52964-048.

9003210187 Forwards Enforcement Conference Repts 50-315/90-08 & 50-316/90-08 on 900227 & notice of violation. GREENMAN, E. Region 3, Ofc of the Director. 90/03/09. ALEXICH, M.P. American Electric Power Service Corp. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 53112-082-53112-098.

-9003210201 Notice of violation from enforcement conference on 900227. Violation noted Unit 2 continuously operated in Modes 1,2 & 3 from 890820-0815 & 0817-900108 w/stop Valve 2-MRV-210 inoperable. GREENMAN, E.D. Region 3, Ofc of the Director. 90/03/09. 1p. 53112-094-53112-094.

-9003210203 Enforcement Conference Repts 50-315/90-08 & 50-316/90-08 on 900227. Violation noted Major areas inspected: violation of Tech Specs requiring main steam stop valves to be "Operable" for plant operation in Modes 1,2 & 3. BURGESS, B.L. Region 3, Ofc of the Director. 90/03/09. 4pp. 53112-095-53112-098.

9003200188 Forwards Safety Insps 50-315/89-34 & 50-316/89-34 on 891227-900206. No violations noted. AXELSON, W.L. Region 3, Ofc of the Director. 90/03/13. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 2pp. 53077-304-53077-324.

-9003200191 Insp Repts 50-315/89-34 & 50-316/89-34 on 891227-900206. No open or unresolved items noted Major areas inspected plant operations, ESF actuations, plant winterization, emergency preparedness & Generic Ltr 88-17 re loss of DHR. BURGESS, B.L. Region 3, Ofc of the Director. 90/03/13. 18pp. 53077-306-53077-324.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-128-53035-228.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168-057-53168-147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

9003020157 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989." W/ 900227 ltr. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 89/12/31. MURLEY, T.E. Document Control Branch (Document Control Desk). 113pp. 52797-115-52797-227.

9003080293 "Annual Operating Rept for DC Cook Nuclear Plant for 1989." W/900228 ltr. BORGREN, J.E., SVENSSON, B.A., ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 89/12/31. 60pp. 52883-210-52883-289.

9003080383 Submits annual rept of changes to or errors in acceptable LOCA evaluation models or application of models for plants. WFLASH analyses will be superseded by NOTRUMP analyses for Unit 2, Cycle 8 reload. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/22. MURLEY, T.E. NRC - No Detailed Affiliation Given. 11pp. 52858-121-52858-131.

## S. Reportable occurrences, LERs & related correspondence

9002280017 LER 80-002-00 on 900108, two MSIVs exhibited closing time in excess of Tech Spec 3.7.1.5 limit of 5 s. On 900109 & 10, confirmed that excessive condensation collected on vent slide. Caused by inadequate insulation. W/900209 ltr. DROSTE, J.B., BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.). 90/02/09. 11pp. 52747-282-52747-292.



02260268 LER 90-001-00 on 900112, unplanned ESF actuation occurred during calibr of time delay relays for degraded voltage. Caused by lack of insulation on wiring. Personnel instructed to disable circuit by method of knife switch. W/900212 ltr. SEILMAN, T.P., BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/02/12. 4pp. 52722-025-52722-028.

03220062 Special rept on: 900129, 020208 & 15, four fire suppression components inoperable longer than allowed by Tech Spec 3.7.10 Fire Door 391 declared inoperable due to door being removed for replacement. Fire watch maintained. BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/03/08. DAVIS, A.B. Document Control Branch (Document Control Desk) 2pp. 53124-215-53124-216.

03220074 LER 88-003-07 on 880311, discovered that "as found" condition for 4 kV bus degraded voltage relays found to be beyond Tech Spec allowable values. Cause not stated. Each relay adjusted to within allowable values. W/900309 ltr. SEILMAN, T.P., BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 90/03/08. 5pp. 53100-070-53100-075.

#### Operator Examinations

32260269 Forwards Exam Rept 50-315/OL-90-01 of both facilities for wk of 900129. One senior reactor operator candidate failed exam, in part due to weakness at reactor operator level during simulator portion of exams. Subj cand date removed from July. WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/12. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 2pp. 52726-278-52726-292.

302260272 Exam Rept 50-315/OL-90-01 of both units on 900129-0202 Exam results reactor operator candidate & one senior reactor operator candidate failed exams. All remaining candidates passed exams. SHEMBARGER, K., SHEPARD, D., DAMON, D. Region 3, Ofc of the Director. 90/02/12. 3pp. 52726-280-52726-292.

33020159 Advises of operator & senior licensing exams scheduled for wk of 900626. Ref matl listed in Encl 1 should be furnished 60 days prior to exam date. WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/21. ALEXICH, M.P. Indiana Michigan Power Co. (formerly Indiana & Michigan Electric Co.) 13pp. 52616-245-2816-257.

#### CKET 50-317 CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 1

#### Security, medical, emergency & fire protection plans

12230478 Change 5 to Rev 4 to ERPIP 4.1.28, "Recovery Organization Checklist." Baltimore Gas & Electric Co. 90/01/28. 7pp. 52716-188-52716-194.

12230470 Rev 2 to ERPIP 4.1.22.2, "Dedicated Communications." Baltimore Gas & Electric Co. 90/02/02. 35pp. 52715-242-52715-276.

12220522 Forwards Insp Repts 50-317/89-27 & 50-318/89-28 on 891113-1231 & office of violation. Concern raised re protracted chemistry out-of-spec condition on steam generators. INVILLE, J.C. Region 1, Ofc of the Director. 90/02/07. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52688-311-52688-335.

102220545 Insp Repts 50-317/89-27 & 50-318/89-28 on 891113-1231. Violations cited Major areas inspected: outage activities, radiological controls, maint, activities on emergency diesel generators & emergency procedure guidelines. OWGILL, C.J. Region 1, Ofc of the Director. 90/02/07. 21pp. 52688-315-52688-335.

3140420 Rev 14 to ERPIP 3.0, "Emergency Classification & Initial Notification of Off-site Agencies." W/one override drawing. Baltimore Gas & Electric Co. 90/02/14. 44pp. 53007-139-63007-139.

3060001 Forwards Rev 2 to "Evacuation Time Estimates Within Plume Exposure Pathway EPZ for Calvert Cliffs Nuclear Power Plant." Evacuation time estimates updated to reflect population & road network changes since 1981. CREEL, G.C. Baltimore Gas & Electric Co. 90/02/27. Document Control Branch (Document Control Desk). 1p. 52856-162-52856-262.

10360002 Rev 2 to "Evaluation Time Estimates Within Plume Exposure Pathway EPZ for Calvert Cliffs Nuclear Power Plant." Baltimore Gas & Electric Co. 89/12/31. 100pp. 52856-163-52856-262.

3120567 Forwards Insp Repts 50-317/89-25 & 50-318/89-26 on 891003-1112 & office of violation. NRC continues to be concerned w/corrective action program deficiencies & symptom-oriented corrective actions re Confirmatory Action Ltr CAL-89-08. INVILLE, J.C. Region 1, Ofc of the Director. 90/02/27. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52974-159-52974-182.

103120578 Insp Repts 50-317/89-25 & 50-318/89-26 on 891003-1112. Violations cited Major areas inspected: licensee activities on previous insp findings, operational safety, physical security, plant operations, maint & surveillance. OWGILL, C.J. Region 1, Ofc of the Director. 90/02/28. 31pp. 52974-162-52974-182.

3180413 Accepts w/ 891008 response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs." MCDONALD, D.G. Project Directorate I-1. 90/02/27. CREEL, G.C. Baltimore Gas & Electric Co. 1p. 53036-113-53036-114.

3080400 Forwards Rev 25 to security plan & details of changes made by rev. Encls withheld (ref 10CFR73.21). OSS, H.D. Baltimore Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52894-048-52894-048.

3080413 Forwards Rev 11 to "Safeguards Contingency Plan" & details of changes made by rev. Encls withheld (ref 10CFR73.21). OSS, H.D. Baltimore Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52894-048-52894-049.

3080014 Forwards Page 4-9 of Rev 25 to security plan, originally submitted on 30228 Encl withheld (ref 10CFR73.21). OSTELLO, K.R. Baltimore Gas & Electric Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52835-249-52835-249.

9003140008 Forwards Safety Insp Repts 50-317/90-04 & 50-318/90-04 on 900122-25. No violations or deviations noted. Improvements needed in emergency classification level sys since emergency action levels inconsistent w/NUREG-0654. KNAPP, M.R. Region 1, Ofc of the Director. 90/03/02. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 53018-267-53018-287.

9003140007 Emergency Preparedness Insp Repts 50-317/90-04 & 50-318/90-04 on 900122-25. No violations noted. Major areas inspected: emergency action levels, changes to emergency preparedness program & independent reviews/audits. CONKLIN, C. LAZARUS, W. Region 1, Ofc of the Director. 90/02/20. 18pp. 53018-270-53018-287.

9003190248 Revised ERPIPs, consisting of Change 3 to ERPIP 4.1.8, Rev 12, Change 1 to ERPIP 4.1.15, Rev 10, Change 1 to ERPIP 4.1.25, Rev 11, Change 1 to ERPIP 4.1.27, Rev 1, Change 6 to ERPIP 4.1.28, Rev 4, Change 1 to 4.1.31, Rev 2 & Change 1 to 4.1.32, Rev 2. LEMONS, J.R., RUSSELL, L.B. Baltimore Gas & Electric Co. 90/03/05. 32pp. 53067-275-53067-308.

9003270088 Forwards response to specified recommended actions of Generic Ltr 89-19 re USI A-47, including steam generator overfill protection, periodic verification & testing of overfill protection & stated emergency operating procedures. CREEL, G.C. Baltimore Gas & Electric Co. 90/03/19. Document Control Branch (Document Control Desk). 4pp. 53164-001-53164-004.

9003270344 Rev 13 to ERPIP 4.1.17, "Security." Baltimore Gas & Electric Co. 90/03/21. 11pp. 53192-120-53192-132.

#### H. General correspondence

9003220072 Forwards revised svc list due to organizational changes within company. DETTER, G.L. Baltimore Gas & Electric Co. 90/03/15. MCDONALD, D.G. Project Directorate I-1. 2pp. 53112-220-53112-221.

#### P. Operating license stage documents & correspondence

8906220160 Discusses 890517-18 meeting of NRC senior managers re performance of operating nuclear power plants licensed by NRC. Facility categorized as continuing to require close monitoring. Summary of NRC discussions re plant provided. STELLO, V. Ofc of the Executive Director for Operations. 89/05/26. MCGOWAN, G.V. Baltimore Gas & Electric Co. 3pp. 52988-179-52988-181.

9002220518 Forwards description of facility low temp overpressure protection sys, per request at 891127 meeting. RCS temp of 319 F will not be exceeded until verbal concurrence obtained from NRC. CREEL, G.C. Baltimore Gas & Electric Co. 90/02/07. Document Control Branch (Document Control Desk). 9pp. 52705-236-52705-244.

9002220535 Forwards revised pages to QA description of FSAR, reflecting fact that technical support procedures replaced by engineering test procedures. Encl pages superseded pages submitted by 900131 ltr. CREEL, G.C. Baltimore Gas & Electric Co. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52700-290-52700-292.

9002230077 Summarizes 900122 & 23 senior mgt meeting re performance of nuclear power plants licensed to operate by NRC. Facility categorized as continuing to require close monitoring. TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/12. MCGOWAN, G.V. Baltimore Gas & Electric Co. 3pp. 52715-216-52715-218.

9002220442 Confirms request for 3-month extension to respond to NRC 900111 request for addl info re emergency diesel generator Tech Spec amend. Mfg needs time to review w/ maint & operating records. Info will be submitted by 900507. Baltimore Gas & Electric Co. 90/02/13. Document Control Branch (Document Control Desk). 2pp. 52703-307-52703-308.

9003010357 Provides addl clarification to 891220 application for amend to License DPR-53 re HPSI pump operability in Mode 3 & proposes operating HPSI pumps in manner consistent w/low temp overpressure protection requirements. CREEL, G.C. Baltimore Gas & Electric Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52781-044-52781-047.

9003010358 Proposed Tech Specs clarifying operability definition of HPSI pump in Mode 3. Baltimore Gas & Electric Co. 90/02/14. 2pp. 52781-046-52781-047.

9002230310 Forwards safety evaluation re 840314 submittal of procedures generation package & 851026 & 890725 supps. Unit should review programmatic improvements outlined in Section 2 of rept & maintain documented justification in auditable form. MCDONALD, D.G. Project Directorate I-1. 90/02/15. CREEL, G.C. Baltimore Gas & Electric Co. 8pp. 52715-323-52715-330.

9003090050 Advises that erosion/corrosion program controlling Implementing Procedure 5.05, "Secondary Sys Piping Erosion/Corrosion Insp Program," fully implemented on 891229. CREEL, G.C. Baltimore Gas & Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52966-311-52966-312.

9003090135 Forwards "Calvert Cliffs Nuclear Power Plant Effluent & Waste Disposal Semiannual Rept Second Half 1989." Analytical results for strontium will be provided in updated rept. ODCM also encl. CREEL, G.C. Baltimore Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 2pp. 52926-239-52926-269.

9003090137 Rev 1 to CP-607, "ODCM." Baltimore Gas & Electric Co. 90/02/28. 35pp. 52926-265-52926-299.

9003150280 Forwards low temp overpressure protection sys description for review & approval. CREEL, G.C. Baltimore Gas & Electric Co. 90/03/02. Document Control Branch (Document Control Desk). 14pp. 53026-126-53026-139.

CREEEL,G.C. Baltimore Gas & Electric Co. 90/03/02. Document Control Branch (Document Control Desk). App. 53042-019-53042.040

-9003160145 Proposed Tech Specs re low temp overpressure protection sys  
\* Baltimore Gas & Electric Co. 90/03/02. 14pp 53042.027-53042.040

9003140162 Forwards Amend 140 to License DPR-53 & safety evaluation. Amend modifies Tech Specs to ensure adequate low temp overpressure protection.  
MCDONALD,D.G. Project Directorate I-1. 90/03/06. CREEEL,G.C. Baltimore Gas & Electric Co. 2pp. 53018-313-53018.324.

-9003140168 Amend 140 to License DPR-53, modifying Tech Specs to ensure adequate low temp overpressure protection.  
CAPRA,R.A. Project Directorate I-1. 90/03/06. 6pp 53019-315-53019.320.

-9003140171 Safety evaluation supporting Amend 140 to License DPR-53.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/06. 4pp 53019.321-53019.324.

9003140260 Forwards current status of all unimplemented USIs per Generic Ltr 89-21, including A-9 re ATWS, A-26 re reactor vessel pressure transient protection, A-44 re station blackout, A-46 & A-47.  
MCDONALD,D.G. Project Directorate I-1. 90/03/08. CREEEL,G.C. Baltimore Gas & Electric Co. 3pp. 53018-031-53018.033.

9003150440 Discusses util actions to correct inadequacies identified in implementation of low temp overpressure protection at plant.  
MCDONALD,D.G. Project Directorate I-1. 90/03/08. CREEEL,G.C. Baltimore Gas & Electric Co. 2pp. 53020-357-53020.359.

9003190275 Forwards Rev 1 to "Calvert Cliffs Nuclear Power Plant Performance Improvement Plan Implementation Program." As of end of Feb 1990, listed seven action plans reported as complete, including leadership conferences.  
CREEEL,G.C. Baltimore Gas & Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 4pp. 53068-274-53068.077.

-9003190276 Rev 1 to "Calvert Cliffs Nuclear Power Plant Performance Improvement Plan Implementation Program."  
\* Baltimore Gas & Electric Co. 90/03/08. 160pp 53068-278-53068.077.

9003190158 Withdraws 891113 request for relief from ASME Code Section XI requirements.  
CREEEL,G.C. Baltimore Gas & Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 1p. 53047-235-53047.235

9003200284 Withdraws 900122 request for addl info re proposed Tech Spec amends requested per Generic Ltr 87-09 Tech Spec 4.0.3 as proposed, consistent w/wording provided in Generic Ltr 87-09.  
MCDONALD,D.G. Project Directorate I-1. 90/03/12. CREEEL,G.C. Baltimore Gas & Electric Co. 2pp. 53068-223-53068.224.

9003210369 Grants util 900215 request for relief from ASME Code Section XI, Subsection IWB-3514 requirements to defer necessary changes to setpoints of five Class 2 or 3 valves.  
CAPRA,R.A. Project Directorate I-1. 90/03/14. CREEEL,G.C. Baltimore Gas & Electric Co. 5pp. 53105-122-53105.126.

9003270026 Discusses readiness for restart of facility.  
CREEEL,G.C. Baltimore Gas & Electric Co. 90/03/16. Document Control Branch (Document Control Desk). 3pp. 53184-117-53184.118.

9003220315 Forwards NRC understanding of current status of unimplemented USIs for plant.  
MARTIN,R.E. Project Directorate I-1. 90/03/19. BURKHARDT,L. Niagara Mohawk Power Corp. 4pp. 53165-268-53165.271.

9003270088 Forwards response to specified recommended actions of Generic Ltr 89-19 re USI A-47, including steam generator overfill protection, periodic verification & testing of overfill protection & stated emergency operating procedures.  
CREEEL,G.C. Baltimore Gas & Electric Co. 90/03/19. Document Control Branch (Document Control Desk). 4pp. 53184-001-53184.004.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195.069.

9003230216 Forwards two pages not included in internal rept evaluating mgt effectiveness inadvertently omitted from 900313 submittal.  
VARGAS,A. Division of Reactor Projects - I/II (Post 870411). 90/03/20. POINDEXTER,C.H. Baltimore Gas & Electric Co. 4pp. 53174-195-53174.198.

#### Q. Inspection reports, IE Bulletins & correspondence

9002220522 Forwards Insp Repts 50-317/89-27 & 50-318/89-28 on 891113-1231 & notice of violation concern raised re protracted chemistry out-of-spec condition on steam generators.  
LINVILLE,J.C. Region 1, Ofc of the Director. 90/02/07. CREEEL,G.C. Baltimore Gas & Electric Co. 2pp. 52688-311-52688.335.

-9002220534 Notice of violation from Insp on 891113-1231. Violations noted between 890501-891215, pH levels & hydrazine concentrations for steam generators 11, 12 & 22 not maintained within required specs.  
\* Region 1, Ofc of the Director. 90/02/07. 2pp. 52688-313-52688.314.

-9002220546 Insp Repts 50-317/89-27 & 50-318/89-28 on 891113-1231. Violations noted. Major areas inspected: outage activities, radiological controls, maint. activities on emergency diesel generators & emergency procedure guidelines.  
COWGILL,C.J. Region 1, Ofc of the Director. 90/02/07. 21pp. 52688-315-52688.335.

9002230310 Forwards safety evaluation re 840314 submittal of procedures generation package & 851025 & 880725 supp. Util should review programmatic improvements outlined in Section 2 of rept & maintain documented justification in auditable form.  
MCDONALD,D.G. Project Directorate I-1. 90/02/16. CREEEL,G.C. Baltimore Gas & Electric Co. 8pp. 52715-323-52715.330.

9002160093 NRC Info Notice 90-010. "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52778-282-52778.380.

9003060080 Accepts util 900115 response to NRC Bulletin 89-002. "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor/Darling Model S350W Swing Check Valves or Valves of Similar Design (MPA X-902)."  
MCDONALD,D.G. Project Directorate I-1. 90/02/27. CREEEL,G.C. Baltimore Gas & Electric Co. 2pp. 52849-085-52849.088.

9003120567 Forwards Insp Repts 50-317/89-25 & 50-318/89-26 on 891003-1112 & notice of violation NRC continues to be concerned w/corrective action program deficiencies & symptom-oriented corrective actions re Confirmatory Action Ltr CAL-59-08 LINVILLE,J.C. Region 1, Ofc of the Director. 90/02/27. CREEEL,G.C. Baltimore Gas & Electric Co. 2pp. 52974-159-52974.192.

-9003120573 Notice of violation from Insp on 891003-1112. Violation noted; licensee failed to take action to resolve differences between root causes identified by licensee & contractor & to take appropriate corrective action re plugging of tube.  
\* Region 1, Ofc of the Director. 90/02/27. 1p. 52974-161-52974.161.

-9003120578 Insp Repts 50-317/89-25 & 50-318/89-26 on 891003-1112. Violations noted. Major areas inspected: licensee activities on previous insp findings, operational safety, physical security, plant operations, maint. & surveillance.  
COWGILL,C.J. Region 1, Ofc of the Director. 90/02/26. 31pp. 52974-162-52974.192.

9002230283 NRC Info Notice 90-011. "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776.261.

9002230379 NRC Info Notice 90-012. "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844.099.

9003060048 Forwards 1989 steam generator insp results rept. Rept includes number & extent of tubes examined, imperfections noted & identity of tubes plugged. No steam generator tube exams conducted on Unit 1 during 1989.  
CREEEL,G.C. Baltimore Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 128pp. 52835-300-52835.067.

9003140365 Forwards Insp Repts 50-317/90-02 & 50-318/90-02 on 900101-0210. No violations noted.  
LINVILLE,J.C. Region 1, Ofc of the Director. 90/02/28. CREEEL,G.C. Baltimore Gas & Electric Co. 2pp. 53001-241-53001.271.

-9003140390 Insp Repts 50-317/90-02 & 50-318/90-02 on 900101-0210. No violations noted. Major areas inspected: outage activities, events occurring during insp period, radiological controls & maint activities on emergency diesel generator.  
COWGILL,C.J. Region 1, Ofc of the Director. 90/02/27. 25pp. 53001-243-53001.271.

9003120229 EN-90-028 notice of violation & proposed imposition of civil penalty in amount of \$100,000 will be issued on 900306 re failure to take corrective actions for deficiencies in meeting low temp overpressure protection commitments.  
TROSKOSKI,W., LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/03/01. 1p. 52999-035-52999.036.

9003090254 Responds to NRC 900130 ltr re weaknesses noted in Insp Repts 50-317/89-30 & 50-318/89-31. Corrective actions: maint lead planners trained on contents & use of maint planner guidelines & procedure re calculation process revised.  
CREEEL,G.C. Baltimore Gas & Electric Co. 90/03/02. Document Control Branch (Document Control Desk). 3pp. 52947-088-52947.090.

9003140006 Forwards Safety Insp Repts 50-317/90-04 & 50-318/90-04 on 900122-25. No violations or deviations noted. Improvements needed in emergency classification level sys since emergency action levels inconsistent w/NUREG-0854.  
KNAPP,M.R. Region 1, Ofc of the Director. 90/03/02. CREEEL,G.C. Baltimore Gas & Electric Co. 3pp. 53018-267-53018.287.

-9003140007 Emergency Preparedness Insp Repts 50-317/90-04 & 50-318/90-04 on 900122-25. No violations noted. Major areas inspected: emergency action levels, changes to emergency preparedness program & independent reviews/audits.  
CONKLIN,C., LAZARUS,W. Region 1, Ofc of the Director. 90/02/20. 18pp. 53018-270-53018.287.

9002270399 NRC Info Notice 90-013. "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844.198.

9002280061 NRC Info Notice 90-014. "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 86pp. 52997-001-52997.094.

9003150118 Forwards notice of violation & proposed imposition of civil penalty in amount of \$100,000. Action based on violation re failure to adequately identify, track & correct conditions adverse to quality.  
RUSSELL,W.T. Region 1, Ofc of the Director. 90/03/08. CREEEL,G.C. Baltimore Gas & Electric Co. 5pp. 53022-030-53022.037.

-9003150120 Notice of violation & proposed imposition of civil penalty in amount of \$100,000. Noncompliance noted; licensee failed to establish adequate measures to assure design basis criteria for low temp overpressure protection sys implemented.  
RUSSELL,W.T. Region 1, Ofc of the Director. 90/03/08. 3pp. 53022-035-53022.037.

Forwards summary of 891205 enforcement conference in Region 1 re full response to notice of violation contained in Insp Repts 50-317/89-14 & 50-117/89-15. OIC of the Director 90/03/06 CREEL,G.C. Baltimore Gas & Electric Co. of New York, Inc. 95pp. 52997-005-52997-189

Submits daily highlight on 890308, notice of violation & proposed imposition of fine in amount of \$100,000 into licensee's record based on failure to take corrective action for low level protection deficiencies. D.D.G. Project Directorate I-1. 90/03/06. MURLEY,T., SNIEZEK,J. NRC - J. Affiliation Given. MIRAGLIA,F. Associate Director for Inspection & Technical Support (Post 870411). 2pp. 53036-211-53036-212

NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiological Directors Before Beginning Work in Agreement States." Svc list encl. IAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 95pp. 52997-005-52997-189

NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. R.L. Division of Low-Level Waste Management & Decommissioning (Post 870411). Consolidated Edison Co. of New York, Inc. 91pp. 52997-280-52997-280

Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative Data." Svc list encl. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-189-52844-298

Responds to NRC 900229 ltr re violations noted in Readiness Assessment Rept 50-317/89-81. Corrective actions memo issued re-emphasizing important controls & general supervisor counselling. Baltimore Gas & Electric Co. 90/03/07. Document Control Branch (Document Control Desk). 11pp. 53020-314-53020-324

NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes." Svc list encl. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-086-52963-199

NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief d on Diesel Generator Air Start Receiver Tanks." Svc list encl. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-299

NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52983-300-52983-048

Responds to NRC 900207 ltr re violations noted in Insp Repts 50-317/89-18/89-28. Corrective actions demineralized water & chemicals added to generators to restore chemical concentrations to required specs. Baltimore Gas & Electric Co. 90/03/09. Document Control Branch (Document Control Desk). 4pp. 53047-238-53047-239

Discusses 881122 & 890330 responses to Bulletin 88-010, "Nonconducted-Case Circuit Breakers." Svc list encl. D.D.G. Project Directorate I-1. 90/03/12. CREEL,G.C. Baltimore Gas & Electric Co. of New York, Inc. 53071-267-53071-267

Forwards W Russell 900308 memo to T Murley re special team insp mgt review, recommendations pending receipt of licensee corrective actions preliminary root cause summary for placement in PDR. Planning, Program & Management Support Branch (Post 870411). 90/03/12. THJE,M.J. Public Document Branch. LANHAM,D.H. Document Control Branch (Document Control Desk). 1p. 52986-204-52986-238

Forwards special team insp mgt effectiveness review report for plant & two units from State of MD to be released by FOIA Request. W.T. Region 1, OIC of the Director. 90/03/08. MURLEY,T.E. Office of Nuclear Regulation, Director (Post 870411). 34pp. 52986-205-52986-238

Forwards Calvert Cliffs Special Team Insp mgt effectiveness review summary. Division of Reactor Projects - I/II (Post 870411). 90/03/13. ER,C.H. Baltimore Gas & Electric Co. 32pp. 53132-101-53132-132

NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment on Spray at PWR Facilities." Svc list encl. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287

NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box." Svc list encl. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-228

NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl. IAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 81pp. 53166-057-53166-147

NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valve Because Valve Seal Friction Was Underestimated." Svc list encl. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100

NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Loss of Power to Rosemount Transmitter Trip Units." Svc list encl. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108

#### Operating reports & related correspondence

Rept of Number of Personnel & Man-Rem by Work & Job Function 1989." Svc list encl. Baltimore Gas & Electric Co. 89/12/31. 2pp. 52950-010-52950-011

9003090142 "Personnel Whole Body Exposures for CY88." W/900228 ltr. CREEL,G.C. Baltimore Gas & Electric Co. 89/12/31. 2pp. 52967-039-52967-040

9003230059 "10CFR50.59 Annual Rept 1989." W/900315 ltr. CREEL,G.C. Baltimore Gas & Electric Co. 89/12/31. 16pp. 53132-287-53132-302

9002260452 Monthly operating repts for Jan 1990 for Calvert Cliffs Nuclear Power Plant W/900215 ltr. BEHNKE,C., DENTON,R.E. Baltimore Gas & Electric Co. 90/01/31. 11pp. 52727-001-52727-011

9003080499 "Annual Rept of Failures & Challenges to PORVs & Safety Valves for 1989." CREEL,G.C. Baltimore Gas & Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52923-129-52923-130

9003090135 Forwards "Calvert Cliffs Nuclear Power Plant Effluent & Waste Disposal Semannual Rept Second Half 1989." Analytical results for strontium will be provided in updated rept. ODCM also encl. CREEL,G.C. Baltimore Gas & Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52926-239-52926-299

-9003090136 "Calvert Cliffs Nuclear Power Plant Effluent & Waste Disposal Semannual Rept for Second Half 1989." supplemental info. Baltimore Gas & Electric Co. 89/12/31. 24pp. 52926-241-52926-264

-9003090137 Rev 1 to CP-607, "ODCM." Baltimore Gas & Electric Co. 90/02/20. 35pp. 52926-265-52926-289

9003200195 Monthly operating repts for Feb 1990 for Calvert Cliffs Nuclear Power Plant, Units 1 & 2. W/900313 ltr. BEHNKE,C., DENTON,R.E. Baltimore Gas & Electric Co. 90/02/28. 11pp. 53079-107-53079-117

#### S. Reportable occurrences, LERs & related correspondence

9003010278 LER 90-004-00 on 900123, discovered fire barrier penetration seal open for indeterminate time w/o performing Tech Spec 3.7.12.8 required actions. Caused by personnel error. Temporary fire seal installed W/900222 ltr. SLY,C.D., DENTON,R.E. Baltimore Gas & Electric Co. 90/02/22. 6pp. 52747-304-52747-308

9003080475 LER 90-005-00 on 900131, control room notified that HXs may be unable to perform safety function at high flow rates. Caused by design error in shutdown cooling HX flow throttled to reduce noise. Also reported per Part 21 W/900226 ltr. GROSS,K.W., DENTON,R.E. Baltimore Gas & Electric Co. 90/02/26. 6pp. 52979-000-52979-095

9003020118 LER 89-026-00 on 891128, determined that particulate levels in samples taken from lower third of tanks exceeded allowable limits. Caused by inadequate sampling technique. Tanks cleaned & filled w/clean fuel W/900227 ltr. MUTH,D.W., DENTON,R.E. Baltimore Gas & Electric Co. 90/02/27. 6pp. 52829-162-52829-167

9003020308 LER 90-001-01 on 900109, determined that surveillance tests used to perform channel calibr tests for acoustic flow monitoring devices inadequate. Caused by personnel error & inadequate procedures. Swapped leads restored W/900227 ltr. GROSS,K.W., DENTON,R.E. Baltimore Gas & Electric Co. 90/02/27. 6pp. 52829-165-52829-100

9003090260 Special rept: unavailability of primary method for post-accident sampling of iodines & particulates in main vent stack effluent. Caused by sample line heat trace & thermal insulation deficiencies. Design inadequacies being corrected. DENTON,R.E. Baltimore Gas & Electric Co. 90/02/28. 4pp. 52987-005-52987-008

9003200100 Part 21 rept re several failures of Fairbanks Morse Engine Div piston pins/bushings on upper pistons. Caused by incorrect surface pattern on piston pins. Piston pins under listed purchase orders to be removed & replaced. REDER,T.J. Colt Industries, Inc. 90/03/07. Region 3, OIC of the Director. 3pp. 53078-287-53078-289

9003190137 LER 89-023-01 on 891220, determined that pipe rupture in nonsafety-related svc water subsystem could result in rapid draining of subsystems that serve auxiliary bldg. Task force formed to determine corrective actions. W/900312 ltr. LOVE,G.A., DENTON,R.E. Baltimore Gas & Electric Co. 90/03/12. 11pp. 53045-020-53045-030

9003220061 LER 90-006-00 on 900209, determined that four fire dampers missing. Caused by not identifying penetrations as requiring dampers when fire hazards analysis of plant conducted. Hourly fire watch continued. Missing dampers installed W/900312 ltr. VOLKOFF,J., DENTON,R.E. Baltimore Gas & Electric Co. 90/03/12. 7pp. 53100-040-53100-046

9003200126 Special rept on 900208, four missing fire dampers in battery room supply & exhaust ducts noted. Hourly fire watch patrol established. Facility Change Request 90-019 initiated to install fire dampers. DENTON,R.E. Baltimore Gas & Electric Co. 90/03/13. Document Control Branch (Document Control Desk). 3pp. 53123-037-53123-039

9003220075 LER 90-007-00 on 900218, discovered that supervised circuits associated w/fire detection instruments located in reactor coolant pump bays not been included in surveillance test procedure. Caused by personnel error. W/900315 ltr. MUTH,D.W., DENTON,R.E. Baltimore Gas & Electric Co. 90/03/15. 5pp. 53100-058-53100-062

#### V. Operator Examinations

9002010021 Advises of requirements for evaluation of requalification program & licensed personnel during wk of 890409. ESELGROTH,P.W. Region 1, OIC of the Director. 90/01/23. CREEL,G.C. Baltimore Gas & Electric Co. 8pp. 53046-133-53046-140

**9003020190** Notification of Significant Licensee Meeting 90-015 on 900227 in Reg 1 of to discuss plant proposed requalification exam  
COWGILL, C.J. Region 1, Ofc of the Director. 90/02/08. Region 1, Ofc of the Director. 2pp. 52616:260-52616:261.

#### Y. Dry Cask Independent Spent Fuel Storage Installations

**9002230097** Forwards notice of consideration of issuance of mail license for storage of spent fuel & opportunity for hearing on 891221 request to allow storage of spent fuel in dry storage concrete module sys at ISFSI.  
SJOBLON, G.L. Fuel Cycle Safety Branch. 90/02/02. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52719:111-52719:118.

**-9002230099** Notice of consideration of issuance of mail license for storage of spent fuel & opportunity for hearing on 891221 application to allow storage of spent fuel in dry storage concrete module sys at ISFSI.  
SJOBLON, G.L. Fuel Cycle Safety Branch. 90/02/02. 6pp. 52719:113-52719:118.

**9002260131** Forwards request for addl info in response to QA program for plant ISFSI submitted w/891221 application  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/02/20. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 52738:270-52738:272.

**9002260141** Denies 891221 request for withholding info re calculation data, results of design calculations & component design details & critical dimensions from public disclosure per 10CFR2.790 info not proprietary & will be placed in PDR.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/21. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52739:204-52739:205.

**9003270227** Forwards proprietary Rev 1 to "ISFSI SAR" w/amended affidavit Rev withheld.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/03/23. Office of Nuclear Material Safety & Safeguards, Director. 4pp. 53164:073-53164:076.

#### DOCKET 50-318 CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 2

##### F. Security, medical, emergency & fire protection plans

**9002230476** Change 5 to Rev 4 to ERPIP 4.1.28, "Recovery Organization Checklist."  
\* Baltimore Gas & Electric Co. 90/01/26. 7pp. 52716:188-52716:194.

**9002230470** Rev 2 to ERPIP 4.1.22.2, "Dedicated Communications."  
\* Baltimore Gas & Electric Co. 90/02/02. 35pp. 52715:242-52715:276.

**9002220522** Forwards Insp Repts 50-317/89-27 & 50-318/89-28 on 891113: 1231 & notice of violation. Concern raised re protracted chemistry out-of-spec condition on steam generators.  
LINVILLE, J.C. Region 1, Ofc of the Director. 90/02/07. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52688:315-52688:335.

**-9002220545** Insp Repts 50-317/89-27 & 50-318/89-28 on 891113:1231. Violations noted Major areas inspected outage activities, radiological controls, maint. activities on emergency diesel generators & emergency procedure guidelines.  
COWGILL, C.J. Region 1, Ofc of the Director. 90/02/07. 21pp. 52688:315-52688:335.

**9003140420** Rev 14 to ERPIP 3.0, "Emergency Classification & Initial Notification of Off-site Agencies." W/one oversize drawing.  
\* Baltimore Gas & Electric Co. 90/02/14. 44pp. 53007:139-53007:139.

**9003060001** Forwards Rev 2 to, "Evacuation Time Estimates Within Plume Exposure Pathway EPZ for Calvert Cliffs Nuclear Power Plant." Evacuation time estimates updated to reflect population & road network changes since 1981.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/27. Document Control Branch (Document Control Desk). 1p. 52656:162-52656:162.

**-9003060002** Rev 2 to, "Evaluation Time Estimates Within Plume Exposure Pathway EPZ for Calvert Cliffs Nuclear Power Plant."  
\* Baltimore Gas & Electric Co. 89/12/31. 100pp. 52656:163-52656:262.

**9003120567** Forwards Insp Repts 50-317/89-25 & 50-318/89-26 on 891003: 1112 & notice of violation. NRC continues to be concerned w/corrective action program deficiencies & symptom-oriented corrective actions re Confirmatory Action Plan 89-08.  
LINVILLE, J.C. Region 1, Ofc of the Director. 90/02/27. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52674:159-52674:192.

**-9003120576** Insp Repts 50-317/89-25 & 50-318/89-26 on 891003:1112. Violations noted Major areas inspected licensee activities on previous insp findings, operational safety, physical security, plant operations, maint & surveillance.  
COWGILL, C.J. Region 1, Ofc of the Director. 90/02/26. 31pp. 52674:162-52674:192.

**9003180413** Accepts util 891003 response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs."  
MCDONALD, D.G. Project Directorate I-1. 90/02/27. CREEL, G.C. Baltimore Gas & Electric Co. 1p. 53036:113-53036:114.

**9003080400** Forwards Rev 25 to security plan & details of changes made by rev Encls withheld (ref 10CFR73.21).  
COSS, H.D. Baltimore Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52894:048-52894:048.

**9003080413** Forwards Rev 11 to "Safeguards Contingency Plan" & details of changes made by rev Encls withheld (ref 10CFR73.21).  
COSS, H.D. Baltimore Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52894:048-52894:049.

**9003080014** Forwards Page 4-8 of Rev 25 to security plan, originally submitted on 900228 Encl withheld (ref 10CFR73.21).  
COSTELLO, K.R. Baltimore Gas & Electric Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52835:249-52835:249.

**9003140008** Forwards Safety Insp Repts 50-317/90-04 & 50-318/90-04 on 900122: 25. No violations or deviations noted Improvements needed in emergency classification level sys since emergency action levels inconsistent w/NUREG-0654.  
KNAPP, M.R. Region 1, Ofc of the Director. 90/03/02. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 53018:267-53018:287.

**-9003140007** Emergency Preparedness Insp Repts 50-317/90-04 & 50-318/90-04 on 900122: 25. No violations noted Major areas inspected emergency action levels, changes to emergency preparedness program & independent reviews/audits.  
CONKLIN, C. Region 1, Ofc of the Director. 90/02/20. 16pp. 53019:270-53019:287.

**9003190248** Revised ERPIPs, consisting of Change 3 to ERPIP 4.1.8, Rev 12, Change 1 to ERPIP 4.1.15, Rev 10, Change 1 to ERPIP 4.1.25, Rev 11, Change 1 to ERPIP 4.1.27, Rev 1, Change 6 to ERPIP 4.1.28, Rev 4, Change 1 to 4.1.31, Rev 2 & Change 1 to 4.1.32, Rev 2.  
LEMONS, J.R., RUSSELL, L.B. Baltimore Gas & Electric Co. 90/03/05. 32pp. 53067:275-53067:306.

**9003270086** Forwards response to specified recommended actions of Generic Ltr 89-19 re USI A-47, including steam generator overfill protection, periodic verification & testing of overfill protection & stated emergency operating procedures.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/03/19. Document Control Branch (Document Control Desk). 4pp. 53164:001-53164:004.

**9003270344** Rev 13 to ERPIP 4.1.17, "Security."  
\* Baltimore Gas & Electric Co. 90/03/21. 11pp. 53192:120-53192:132.

#### H. General correspondence

**9003220072** Forwards revised svc list due to organizational changes within company.  
DEITER, G.L. Baltimore Gas & Electric Co. 90/03/15. MACDONALD, D.G. Project Directorate I-1. 2pp. 53112:220-53112:221.

#### P. Operating license stage documents & correspondence

**8906220160** Discusses 890517-18 meeting of NRC senior managers re performance of operating nuclear power plants licensed by NRC. Facility categorized as continuing to require close monitoring. Summary of NRC discussions re plant provided.  
STELLO, V. Ofc of the Executive Director for Operations. 89/05/26. MCGOWAN, G.V. Baltimore Gas & Electric Co. 3pp. 52988:179-52988:181.

**9002220535** Forwards revised pages to QA description of FSAR, reflecting fact that technical support procedures replaced by engineering test procedures. Encl pages supersede pages submitted by 900131 ltr.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52700:290-52700:292.

**9002230077** Summarizes 800122 & 23 senior mgt meeting re performance of nuclear power plants licensed to operate by NRC. Facility categorized as continuing to require close monitoring.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/12. MCGOWAN, G.V. Baltimore Gas & Electric Co. 3pp. 52715:216-52715:218.

**9002220442** Confirms request for 3-month extension to respond to NRC 900111 request for addl info re emergency diesel generator Tech Spec amend. Mfg needs time to review util maint & operating records. Info will be submitted by 900507.  
\* Baltimore Gas & Electric Co. 90/02/13. Document Control Branch (Document Control Desk). 2pp. 52703:307-52703:308.

**9002230310** Forwards safety evaluation re 840314 submittal of procedures generation package & 851026 & 880725 supp. Util should review programmatic improvements outlined in Section 2 of rept & maintain documented justification in auditable form.  
MCDONALD, D.G. Project Directorate I-1. 90/02/15. CREEL, G.C. Baltimore Gas & Electric Co. 8pp. 52715:323-52715:330.

**9003090050** Advises that erosion/corrosion program controlling implementing Procedure 5.05, "Secondary Sys Piping Erosion/Corrosion Insp Program," fully implemented on 891229.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 2pp. 52966:311-52966:312.

**9003090135** Forwards "Calvert Cliffs Nuclear Power Plant Effluent & Waste Disposal Semiannual Rept Second Half 1989." Analytical results for strontium will be provided in updated rept. ODCM also encl.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 2pp. 52926:239-52926:299.

**-9003090137** Rev 1 to CP-607, "ODCM."  
\* Baltimore Gas & Electric Co. 90/02/28. 35pp. 52926:265-52926:299.

**9003140280** Forwards current status of all unimplemented USIs, per Generic Ltr 89-21, including A-9 re ATWS, A-26 re reactor vessel pressure transient protection, A-44 re station blackout, A-46 & A-47.  
MCDONALD, D.G. Project Directorate I-1. 90/03/08. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 53018:031-53018:033.

**9003150440** Discusses util actions to correct inadequacies identified in implementation of low temp overpressure protection at plant.  
MCDONALD, D.G. Project Directorate I-1. 90/03/08. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 53020:357-53020:358.

**9003190276** Forwards Rev 1 to "Calvert Cliffs Nuclear Power Plant Performance Improvement Plan Implementation Program." As of end of Feb 1990, listed seven action plans reported as complete, including leadership conferences.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 4pp. 53068:274-53068:077.

**-9003190276** Rev 1 to "Calvert Cliffs Nuclear Power Plant Performance Improvement Plan Implementation Program."  
\* Baltimore Gas & Electric Co. 90/03/08. 160pp. 53068:278-53068:077.

**9003190156** Withdraws 891113 request for relief from ASME Code Section XI requirements.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53047:235-53047:235.

Withdraws 900122 request for addl info re proposed Tech Spec amends  
Generic Ltr 87-09 Tech Spec 4.0.3, as proposed, consistent w/ wording  
Generic Ltr 87-09.  
D.G. Project Directorate I-1. 90/03/12. CREEL, G.C. Baltimore Gas &  
Elec Co. 2pp. 53069:223-53069:224.

Grants until 900215 request for relief from ASME Code Section  
in 1WV-3514 requirements to defer necessary changes to setpoints of live  
valves.  
Project Directorate I-1. 90/03/14. CREEL, G.C. Baltimore Gas & Electric  
Co. 105-122-63105:128.

Forwards NRC understanding of current status of unimplemented USIs for  
Project Directorate I-1. 90/03/19. BURKHARDT, L. Niagara Mohawk  
Corp. 53165:268-53165:271.

Forwards response to specified recommended actions of Generic Ltr 89-19  
including steam generator overfill protection, periodic verification & testing  
operation & stated emergency operating procedures.  
Baltimore Gas & Electric Co. 90/03/19. Document Control Branch (Doc-  
ument Desk). 4pp. 53164:001-53164:004.

Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation  
in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Re-  
sponses." Svc list encl.  
J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolida-  
ted Edison Co. of New York, Inc. 55pp. 53195:014-53195:069.

Forwards two pages not included in internal rept evaluating mgt  
inadvertently omitted from 900313 submittal.  
Division of Reactor Projects - I/II (Post 870411). 90/03/20.  
R.C.H. Baltimore Gas & Electric Co. 4pp. 53174:195-53174:198.

#### reports, IE Bulletins & correspondence

Forwards Insp Repts 50-317/89-27 & 50-318/89-28 on 891113-1231 &  
Violation Concern raised re protracted chemistry out-of-spec condition on  
reactors.  
Region 1, Ofc of the Director. 90/02/07. CREEL, G.C. Baltimore Gas &  
Elec Co. 2pp. 52688:311-52688:335.

Notice of violation from Insp on 891113-1231. Violations noted: between  
215 pH levels & hydrazine concentrations for steam generators 11, 12 &  
13, & within required specs.  
Ofc of the Director. 90/02/07. 2pp. 52688:313-52688:314.

Insp Repts 50-317/89-27 & 50-318/89-28 on 891113-1231. Violations  
areas inspected: outage activities, radiological controls, maint. activities on  
diesel generators & emergency procedure guidelines.  
Region 1, Ofc of the Director. 90/02/07. 21pp. 52688:315-52688:335.

Forwards safety evaluation re 840314 submittal of procedures generation  
951025 & 880725 supps. Unit should review programmatic improvements  
action 2 of rept & maintain documented justification in auditable form.  
D.G. Project Directorate I-1. 90/02/16. CREEL, G.C. Baltimore Gas &  
Elec Co. 5pp. 52715:323-52715:330.

Notification of 900228 SALP Board Meeting 90-25 w/utl in King of  
J. Region 1, Ofc of the Director. 90/02/16. Region 1, Ofc of the Director.  
335-52800:039.

Submits results of Apr-Jul 1989 Inservice Insp of steam generator tube  
16,947 tubes examined 212 tubes had indications of 20% or greater  
degradation w/11 exceeding plugging limit.  
Baltimore Gas & Electric Co. 90/02/21. Document Control Branch (Doc-  
ument Desk). 5pp. 52785:092-52785:098.

NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-  
Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/23.  
Consolidated Edison Co. of New York, Inc. 99pp. 52778:282-52778:360.

Accepts until 900115 response to NRC Bulletin 89-002. "Stress Corrosion  
High Hardness Type 410 Stainless Steel Internal Preloaded Boiling In-  
ing Model S350W Swing Check Valves or Valves of Similar Design (MPA  
D.G. Project Directorate I-1. 90/02/27. CREEL, G.C. Baltimore Gas &  
Elec Co. 2pp. 52849:085-52849:088.

Forwards Insp Repts 50-317/89-25 & 50-318/89-26 on 891003-1112 &  
in NRC continues to be concerned w/corrective action program def-  
iciency-oriented corrective actions re Confirmatory Action Ltr CAL-89-08.  
Region 1, Ofc of the Director. 90/02/27. CREEL, G.C. Baltimore Gas &  
Elec Co. 2pp. 52974:159-52974:182.

Notice of violation from Insp on 891003-1112. Violation noted: licensee  
action to resolve differences between root causes identified by licensee  
& to take appropriate corrective action re plugging of tube.  
Ofc of the Director. 90/02/27. 1p. 52974:161-52974:161.

Insp Repts 50-317/89-25 & 50-318/89-26 on 891003-1112. Violations  
areas inspected: licensee activities on previous Insp findings, operational  
security, plant operations, maint & surveillance.  
Region 1, Ofc of the Director. 90/02/26. 31pp. 52974:162-52974:182.

NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Oper-  
Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/28.  
Consolidated Edison Co. of New York, Inc. 99pp. 52776:163-52776:261.

NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communi-  
Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/28.  
Consolidated Edison Co. of New York, Inc. 98pp. 52844:001-52844:089.

9003060048 Forwards 1989 steam generator insp results rept Rept includes number &  
extent of tubes examined, imperfections noted & identity of tubes plugged No steam  
generator tube exams conducted on Unit 1 during 1989.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/28. Document Control Branch (Doc-  
ument Control Desk). 128pp. 52835:300-52835:067.

9003140386 Forwards Insp Repts 50-317/90-02 & 50-318/90-02 on 900101-0210. No  
violations noted.  
LINVILLE, J.C. Region 1, Ofc of the Director. 90/02/28. CREEL, G.C. Baltimore Gas &  
Elec Co. 2pp. 53001:241-53001:271.

-9003140390 Insp Repts 50-317/90-02 & 50-318/90-02 on 900101-0210. No violations  
noted. Major areas inspected: outage activities, events occurring during insp  
period, radiological controls & maint activities on emergency diesel generator.  
COWGILL, C.J. Region 1, Ofc of the Director. 90/02/27. 25pp. 53001:243-53001:271.

9003120229 EN-90-029: notice of violation & proposed imposition of civil penalty in  
amount of \$100,000 will be issued on 900308 re failure to take corrective actions for  
deficiencies in meeting low temp overpressure protection commitments.  
TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/03/01. 1p.  
52999:035-52999:035.

9003090264 Responds to NRC 800130 ltr re weaknesses noted in Insp Repts 50-317/  
89-30 & 50-318/89-31. Corrective actions: maint lead planners trained on contents &  
use of maint planner guidelines & procedure re calculation process revised.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/03/02. Document Control Branch (Doc-  
ument Control Desk). 3pp. 52947:088-52947:090.

9003140006 Forwards Safety Insp Repts 50-317/90-04 & 50-318/90-04 on 900122-  
25. No violations or deviations noted. Improvements needed in emergency classification  
level sys since emergency action levels inconsistent w/NUREG-0854.  
KNAPP, M.R. Region 1, Ofc of the Director. 90/03/02. CREEL, G.C. Baltimore Gas &  
Elec Co. 3pp. 53019:287-53019:287.

-9003140007 Emergency Preparedness Insp Repts 50-317/90-04 & 50-318/90-04 on 900122-  
25. No violations noted. Major areas inspected: emergency action  
levels, changes to emergency preparedness program & independent reviews/audits.  
CONKLIN, C., LAZARUS, W. Region 1, Ofc of the Director. 90/02/20. 18pp.  
53019:270-53019:287.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards  
Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05.  
Consolidated Edison Co. of New York, Inc. 99pp. 52844:100-52844:198.

9003080382 Forwards draft info notice on potential safety concerns from leaking check  
valves for review & comment.  
HODGE, V. Generic Communications Branch. 90/03/05. TAMP. Office of Nuclear Re-  
actor Regulation, Director (Post 870411). WILSON, P. Region 1, Ofc of the Director.  
SCARBOUGH, T. Mechanical Engineering Branch. 8pp. 52897:088-52897:093.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc  
list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870728).  
90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997:001-52997:084.

9003150116 Forwards notice of violation & proposed imposition of civil penalty in  
amount of \$100,000. Action based on violation re failure to adequately identify, track &  
correct conditions adverse to quality.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/03/06. CREEL, G.C. Baltimore Gas &  
Elec Co. 6pp. 53022:030-53022:037.

-9003150120 Notice of violation & proposed imposition of civil penalty in amount of  
\$100,000. Noncompliance noted: licensee failed to establish adequate measures to  
assure design basis criteria for low temp overpressure protection sys implemented.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/03/06. 3pp. 53022:035-53022:037.

9003160046 Forwards summary of 891205 enforcement conference in Region I re utl  
891011 response to notice of violation contained in Insp Repts 50-317/89-14 & 50-  
318/89-14. Utl asked to address local leak rate test on containment penetration.  
KANE, W.F. Region 1, Ofc of the Director. 90/03/08. CREEL, G.C. Baltimore Gas &  
Elec Co. 14pp. 53049:223-53049:236.

9003160405 Submits daily highlight. On 900306, notice of violation & proposed imposition  
of civil penalty in amount of \$100,000 issued to licensee. Action based on failure to  
take adequate corrective action for low temp protection deficiencies.  
MCDONALD, D.G. Project Directorate I-1. 90/03/06. MURLEY, T., SNIEZEK, J. NRC -  
No Detailed Affidavit Given. MIRAGLIA, F. Associate Director for Inspection & Techni-  
cal Assessment (Post 870411). 2pp. 53036:211-53036:212.

9003010172 NRC Info Notice 90-015, "Reciprocity. Notification of Agreement State Radia-  
tion Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729).  
90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997:065-52997:189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc  
list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post  
870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 61pp. 52987:288-  
52987:018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresent-  
ed Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07.  
Consolidated Edison Co. of New York, Inc. 100pp. 52844:199-52844:298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-  
Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08.  
Consolidated Edison Co. of New York, Inc. 104pp. 52983:088-52983:199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief  
Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09.  
Consolidated Edison Co. of New York, Inc. 100pp. 52963:200-52963:299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52964-048.

9003190167 Responds to NRC 900207 ltr re violations noted in Insp Repts 50-317/89-27 & 50-318/89-28 Corrective actions: demineralized water & chemicals added to steam generators to restore chemical concentrations to required specs  
CREEL, G.C. Baltimore Gas & Electric Co. 90/03/09. Document Control Branch (Document Control Desk). 4pp. 53047-236-53047-239.

9003200277 Discusses util 881122 & 890330 responses to Bulletin 88-010, "Nonconforming Molded-Case Circuit Breakers."  
MCDONALD, D.G. Project Directorate I-1. 90/03/12. CREEL, G.C. Baltimore Gas & Electric Co. 1p. 53071-267-53071-267.

9003130884 Forwards W Russell 900308 memo to T Murley re special team insp mgt effectiveness review, recommendations pending receipt of licensee corrective actions plan & util preliminary root cause summary for placement in PDR.  
MULLIN, J.R. Planning, Program & Management Support Branch (Post 870411). 90/03/13. RATHJUE, M.J. Public Document Branch. LANHAM, D.H. Document Control Branch (Document Control Desk). 1p. 52996-204-52996-238.

9003130888 Forwards special team insp mgt effectiveness review rpt for plant & two draft documents from State of MD to be released by FOIA Branch.  
RUSSELL, W.T. Region 1, OIC of the Director. 90/03/08. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 34pp. 52996-205-52996-238.

9003200077 Forwards Calvert Cliffs Special Team insp mgt effectiveness review, executive summary.  
VARGA, S.A. Division of Reactor Projects - I/II (Post 870411). 90/03/13. POINDEXTER, C.H. Baltimore Gas & Electric Co. 32pp. 53132-101-53132-132.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52987-190-52987-267.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

9003180308 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

9003090065 "Rept of Number of Personnel & Man-Hrs by Work & Job Function 1989." W/900228 ltr.  
CREEL, G.C. Baltimore Gas & Electric Co. 89/12/31. 2pp. 52950-010-52950-011.

9003090242 "Personnel Whole Body Exposures for CY89." W/900228 ltr.  
CREEL, G.C. Baltimore Gas & Electric Co. 89/12/31. 2pp. 52967-039-52967-040.

9003230059 "10CFR50.69 Annual Rept 1989." W/900315 ltr.  
CREEL, G.C. Baltimore Gas & Electric Co. 89/12/31. 16pp. 53132-287-53132-302.

9002260452 Monthly operating repts for Jan 1990 for Calvert Cliffs Nuclear Power Plant W/900215 ltr.  
BEHNKE, C., DENTON, R.E. Baltimore Gas & Electric Co. 90/01/31. 11pp. 52727-001-52727-011.

9003090499 "Annual Rept of Failures & Challenges to PORVs & Safety Valves for 1989." CREEL, G.C. Baltimore Gas & Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52923-129-52923-130.

9003090135 Forwards "Calvert Cliffs Nuclear Power Plant Effluent & Waste Disposal Semiannual Rept Second Half 1989." Analytical results for strontium will be provided in updated rpt. ODCM also encl.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52926-239-52926-289.

9003090138 "Calvert Cliffs Nuclear Power Plant Effluent & Waste Disposal Semiannual Rept for Second Half 1989," supplemental ltr.  
Baltimore Gas & Electric Co. 89/12/31. 24pp. 52926-241-52926-264.

9003200185 Monthly operating repts for Feb 1990 for Calvert Cliffs Nuclear Power Plant, Units 1 & 2 W/900313 ltr.  
BEHNKE, C., DENTON, R.E. Baltimore Gas & Electric Co. 90/02/28. 11pp. 53078-107-53078-117.

## S. Reportable occurrences, LERs & related correspondence

9003090251 RO on 900201, smoke detection sys in component cooling water pump room made inoperable & restored to operable status on 900216, exceeding 14-day requirement, per Tech Spec 3.3.3.7.b.  
DENTON, R.E. Baltimore Gas & Electric Co. 90/02/28. 2pp. 52972-129-52972-130.

9003090260 Special rpt unavailability of primary method for post-accident sampling of iodines & particulates in main vent stack effluent. Caused by sample line heat trace & thermal insulation deficiencies. Design inadequacies being corrected.  
DENTON, R.E. Baltimore Gas & Electric Co. 90/02/28. 4pp. 52967-005-52967-008.

9003140377 LER 89-012-01 on 891227, core alterations performed w/only one of two containment vent valves closed. Caused by procedural deficiency. Procedures revised to include valve & surveillance test program instruction revised W/900308 ltr.  
SLY, C.D., DENTON, R.E. Baltimore Gas & Electric Co. 90/03/08. 7pp. 53006-063-53006-069.

9003200100 Part 21 rept re several failures of Fairbanks Morse Engine Dry piston pins/bushings on upper pistons. Caused by incorrect surface pattern on piston pins. Piston pins under listed purchase orders to be removed & replaced.  
REDER, T.J. Colt Industries, Inc. 90/03/07. Region 3, OIC of the Director. 3pp. 53078-287-53078-289.

9003220125 Special rpt on 900209, four missing fire dampers in battery room supply & exhaust ducts noted. Hourly fire watch patrol established. Facility Change Request 90-019 initiated to install fire dampers.  
DENTON, R.E. Baltimore Gas & Electric Co. 90/03/13. Document Control Branch (Document Control Desk). 3pp. 53123-037-53123-039.

## V. Operator Examinations

9002010021 Advises of requirements for evaluation of requalification program & licensed personnel during wk of 900409.  
ESELGROTH, P.W. Region 1, OIC of the Director. 90/01/23. CREEL, G.C. Baltimore Gas & Electric Co. 8pp. 53046-133-53046-140.

9003020190 Notification of Significant Licensee Meeting 90-015 on 900227 in Reg I re: to discuss plant proposed requalification exam.  
COWGILL, C.J. Region 1, OIC of the Director. 90/02/08. Region 1, OIC of the Director. 2pp. 52816-260-52816-261.

## V. Dry Cask Independent Spent Fuel Storage Installations

9002230097 Forwards notice of consideration of issuance of mail license for storage of spent fuel & opportunity for hearing on 891221 request to allow storage of spent fuel in dry storage concrete module sys at ISFSI.  
SJOBLUM, G.L. Fuel Cycle Safety Branch. 90/02/02. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52719-111-52719-118.

9002230099 Notice of consideration of issuance of mail license for storage of spent fuel & opportunity for hearing on 891221 application to allow storage of spent fuel in dry storage concrete module sys at ISFSI.  
SJOBLUM, G.L. Fuel Cycle Safety Branch. 90/02/02. 6pp. 52719-113-52719-118.

9002260131 Forwards request for addl info in response to QA program for plant ISFSI submitted w/891221 application.  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/02/20. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 52738-270-52738-272.

9002260141 Denies 891221 request for withholding info re calculation data, results of design calculations & component design details & critical dimensions from public disclosure per 10CFR2.790. Info not proprietary & will be placed in PDR.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/21. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52739-204-52739-205.

9003270227 Forwards proprietary Rev 1 to "ISFSI SAR" w/amended affidavit Rev withheld.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/03/23. Office of Nuclear Material Safety & Safeguards, Director. 4pp. 53184-073-53184-076.

## DOCKET 50-320 THREE MILE ISLAND NUCLEAR STATION, UNIT 2

## F. Security, medical, emergency & fire protection plans

9003120217 Revised EPIPs, consisting of Rev 0 to 9470-ADM-1218.01, Rev 2 to 9471-IMP-1300.27 & Rev 4 to 9471-IMP-1300.28.  
BEAVER, J.R., BROWN, N. General Public Utilities Corp. - GPU Service Corp. 90/02/28. 54pp. 52988-097-52988-150.

9003140118 Forwards Safety Insp Repts 50-289/90-05 & 50-320/90-02 on 900122-26. No violations noted.  
DURR, J.P. Region 1, OIC of the Director. 90/03/05. HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 2pp. 53019-331-53019-341.

9003140123 Insp Repts 50-289/90-05 & 50-320/90-02 on 900122-26. No violations noted. Major areas inspected: fire protection/prevention program including program administration & organization & administrative control of combustibles.  
PAOLINO, R.J. Region 1, OIC of the Director. 90/03/01. 8pp. 53019-333-53019-341.

9003160069 Procedure Change Notice 2-89-0841 to Rev 2 to Emergency Preparedness Administrative Procedure 8472-ADM-1300.01, "Administration of TMI-2 Initial Response/Watch List & Emergency Support Organization Duty Roster."  
BEAVER, J.R. General Public Utilities Corp. - GPU Service Corp. 90/03/09. 10pp. 53042-229-53042-238.

## G. Adjudicatory correspondence

9003180153 Advises that time for Commission to review decision ALAB-928 expired. Commission declined review. Decision became final agency action on 900228. Certificate of Svc encl. Served on 900302. Re-served on 900305.  
CHILK, S.J. Office of the Secretary of the Commission. #190 10005. 90/03/02. Atomic Safety and Licensing Board Panel. 5pp. 52943-310-52943-314.

## J. Insurance & indemnity information

9003070105 Provides listing of property insurance coverage for plants, effective 900401.  
HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 90/02/22. Document Control Branch (Document Control Desk). 1p. 52890-128-52890-128.

## License stage documents & correspondence

Requests determine that 10CFR26 App A Section 2.70(i)(3)(ii) does not require alcohol breath analysis equipment conform to both National Safety Highway Traffic Administration and State statutes or exemptions to 10CFR26.

General Public Utilities Corp. - GPU Service Corp. 90/02/15. Document Control Branch (Document Control Desk). 3pp. 52739.198-52739.200.

Forwards omitted Pages 6-10b of License Amend 36 issued on 900126 W/

T. Project Directorate I-4. 90/02/15. ROCHE, M.B. General Public Utilities Service Corp. 3pp. 52726.265-52726.267.

Forwards Amend 37 to License DPR-73 & safety evaluation. Amend modifies re staff qualifications when facility enters Mode 2  
T. Project Directorate I-4. 90/02/21. ROCHE, M.B. General Public Utilities Service Corp. 4pp. 52766.008-52766.018.

Amend 37 to License DPR-73, modifying Tech Specs re staff qualifications when facility enters Mode 2  
T. Project Directorate I-4. 90/02/21. 5pp. 52766.012-52766.016.

Safety evaluation supporting Amend 37 to License DPR-73.  
Nuclear Reactor Regulation, Director (Post 870411). 90/02/21. 2pp. 52766.018.

Forwards fifth & final "Defueling Completion Rept" for facility. Executive discussion of residual fuel quantities in reactor vessel, results of criticality performed for remaining fuel & assessment of deposits encl.  
General Public Utilities Corp. - GPU Service Corp. 90/02/22. Document Control Branch (Document Control Desk). 2pp. 52847.125-52848.003.

"TMI Nuclear Station Unit 2 Defueling Completion Rept"  
Public Utilities Corp. - GPU Service Corp. 90/02/22. 236pp. 52847.128.

Submits 10CFR26 Fitness-for-Duty program implementation status report, per informs that as result of self-assessment QA audit & requisite corrective actions audit findings, unit will have improved program.  
General Public Utilities Corp. - GPU Service Corp. 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52971.321-52971.322.

Forwards request for add info to continue evaluation of 880816 post-dated storage proposed license amend & SAR.  
T. Project Directorate I-4. 90/03/02. ROCHE, M.B. General Public Utilities Service Corp. 4pp. 53020.311-53020.313.

Notifies that unit expects facility to satisfy requirements for transition to hot in 60 days. Unit will inform NRC when shipment of remaining canisters

General Public Utilities Corp. - GPU Service Corp. 90/03/07. Document Control Branch (Document Control Desk). 2pp. 53001.284-53001.285.

Forwards recovery operations plan Change Request 45. Proposal modifies re surveillance requirements for criticality monitors.  
General Public Utilities Corp. - GPU Service Corp. 90/03/07. Document Control Branch (Document Control Desk). 6pp. 53021.001-53021.006.

Forwards "TMI Post-Defueling Survey Rept for A & B Once-Through Steam" per 851017 ltr.  
General Public Utilities Corp. - GPU Service Corp. 90/03/14. Document Control Branch (Document Control Desk). 48pp. 53156.308-53156.358.

General Ltr 90-03 to all power reactor licensees & applicants re relaxation of 10CFR50.61(b)(2) to allow power reactor licensees to relax requirements for vendor interface for safety-related items.  
J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.089.

Advises that NEA project successfully removed samples from damaged reactor vessel. Results of analyses of 15 wedged-shaped samples from inner wall of vessel should be available in 1992.  
H.R. Organization for Economic Cooperation & Development (Paris). 90/03/16. 149. 53166.149.

## Reports, IE Bulletins & correspondence

NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-Svc ltr encl.  
Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid Operation." Svc ltr encl.  
Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776.183-52776.261.

NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc ltr encl.  
Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.099.

NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards." Svc ltr encl.  
Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.198.

Forwards Safety Insp Repts 50-289/90-05 & 50-320/90-02 on 800122-26. No violations noted.  
Region 1, Ofc of the Director. 90/03/05. HUKILL, H.D. General Public Utilities Service Corp. 2pp. 53019.331-53019.341.

Insp Repts 50-289/90-05 & 50-320/90-02 on 800122-26. No violations noted. Areas inspected: fire protection/prevention program including program admin & organization & administrative control of combustibles.  
J.J. ANDERSON, C.J. Region 1, Ofc of the Director. 90/03/01. 8pp. 53019.341.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc ltr encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc ltr encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52997.005-52997.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc ltr encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52987.288-52988.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 103pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52964.048.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.226.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc ltr encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

## R. Periodic operating reports & related correspondence

9003090170 Forwards annual report of aircraft movements at Harrisburg Intl Airport annual exposure report for TMI-2 & personnel exposure report for 1989.  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/02/23. Document Control Branch (Document Control Desk). 3pp. 52045.128-52045.133.

-9003090173 "Number of Personnel & Mems by Work & Job Function for 1989."  
General Public Utilities Corp. - GPU Service Corp. 89/12/31. 2pp. 52945.131-52945.132.

-9003090177 "TMI-2 10CFR20.407 Annual Rept for 1989," consisting of personnel whole body exposures.  
General Public Utilities Corp. - GPU Service Corp. 89/12/31. 1p. 52945.133-52945.133.

9003120324 Forwards "TMI-2 Effluent & Offsite Dose Rept for Oct-Dec 1989," & "TMI-2 Semiannual Radioactive Effluent Release Rept Third & Fourth Quarters 1989" & revised "Unit 2 Third Quarter Dose Rept."  
ROCHE, M.B. General Public Utilities Corp. - GPU Service Corp. 90/03/01. Document Control Branch (Document Control Desk). 3pp. 52974.034-52974.057.

-9003120330 "TMI-2 Effluent & Offsite Dose Rept for Oct-Dec 1989."  
General Public Utilities Corp. - GPU Service Corp. 89/12/31. 10pp. 52974.037-52974.048.

-9003120333 "TMI-2 Semiannual Radioactive Effluent Release Rept Third & Fourth Quarters 1989."  
General Public Utilities Corp. - GPU Service Corp. 89/12/31. 10pp. 52974.047-52974.058.

-9003180446 Revised "Unit 2 Third Quarter Dose Rept."  
General Public Utilities Corp. - GPU Service Corp. 89/09/30. 1p. 52974.057-52974.057.

## DOCKET 50-321 EDWIN I. HATCH NUCLEAR PLANT, UNIT 1



#### F. Security, medical, emergency & fire protection plans

9003080342 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk) 26pp. 53047.030-53047.055

9003230133 Forwards safety evaluation delineating programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures in area of writers guide.  
CROCKER, L.P. Project Directorate II-3. 90/03/21. HAIRSTON, W.G. Georgia Power Co. 13pp. 53149.103-53149.116

#### H. General correspondence

9003220318 Comment on proposed rule 10CFR50, Fracture Toughness Requirements for Protection Against PTS Events. Agrees w/ NUMARC comments.  
HAIRSTON, W.G. Georgia Power Co. 90/03/12. CHILKIS, J. Office of the Secretary of the Commission. 1p. 53066.224-53066.224

#### J. Insurance & indemnity information

9003120770 Forwards summary report of present level & source of onsite property damage insurance coverage for plant.  
HAIRSTON, W.G. Georgia Power Co. 90/02/27. Document Control Branch (Document Control Desk) 3pp. 52899.194-52899.196

9003080342 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk) 26pp. 53047.030-53047.055

#### P. Operating license stage documents & correspondence

9003210067 Forwards safety evaluation accepting until 880630.0927 & 1019 responses to Generic Ltr 88-01 except for positions to average 4-hour interval RCS leakage measurements over 24-hour period & to not incorporate Tech Spec change.  
CROCKER, L.P. Project Directorate II-3. 90/02/16. HAIRSTON, W.G. Georgia Power Co. 3pp. 53112.085-53112.090

-9003210069 Safety evaluation accepting 880630.0927 & 1019 responses to Generic Ltr 88-01 except as noted & concluding that proposed IGSCC insp & mitigation program reasonably assures merit of long-term structural integrity of austenitic steel piping.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/16. 3pp. 53112.088-53112.090

9002280050 Responds to request for add'l info re Generic Ltr 88-11, "NRC Position on Radiation Embrittlement of Reactor Vessel Metal & Impact on Plant Operations." RINDT value for Unit 2 closure flange region addressed.  
HAIRSTON, W.G. Georgia Power Co. 90/02/20. Document Control Branch (Document Control Desk) 3pp. 52778.226-52778.228

9003060267 Responds to NRC 900122 request to provide add'l info re Generic Ltr 89-16, "Installation of Hardened Wetwell Vent." Unit determined that installation of vent prior to Mar. 1993 refueling outage not practical.  
HAIRSTON, W.G. Georgia Power Co. 90/02/20. Document Control Branch (Document Control Desk) 4pp. 52838.133-52838.136

9003080342 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk) 26pp. 53047.030-53047.055

9003160129 Application for amendments to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," based on commitment to five recommended actions or equally effective alternate course of action.  
HAIRSTON, W.G. Georgia Power Co. 90/03/02. Document Control Branch (Document Control Desk) 28pp. 53040.034-53040.098

-9003160132 Proposed Tech Specs reflecting editorial &/or administrative changes to make Unit 1 Tech Specs consistent w/Unit 2 Tech Specs & BWR/4 STS.  
Georgia Power Co. 90/03/02. 39pp. 53040.060-53040.098

9003140244 Accepts 900123 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," based on commitment to five recommended actions or equally effective alternate course of action.  
CROCKER, L.P. Project Directorate II-3. 90/03/05. HAIRSTON, W.G. Georgia Power Co. 2pp. 53018.359-53018.360

9003200101 Summary of 900208 meeting w/Unit in Baxley, GA re issues of mutual interest. List of attendees & agenda for meeting encl.  
CROCKER, L.P. Project Directorate II-3. 90/03/08. Project Directorate II-3. 16pp. 53071.348-53071.361

9003220307 Responds to Generic Ltr 89-19 re safety implementation of control sys in LWR nuclear power plants, per 880920 request & understands that NRC has agreed to extend response deadline until 900504.  
HAIRSTON, W.G. Georgia Power Co. 90/03/14. Document Control Branch (Document Control Desk) 2pp. 53165.270-53165.280

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position on Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.088

9003230133 Forwards safety evaluation delineating programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures in area of writers guide.  
CROCKER, L.P. Project Directorate II-3. 90/03/21. HAIRSTON, W.G. Georgia Power Co. 13pp. 53140.103-53140.116

#### G. Inspection reports, IE Bulletins & correspondence

9003050076 Ack receipt of 900131 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-321/89-28 & 50-366/89-28. Response meets requirements of 10CFR2.201.  
COLLINS, D.M. Region 2, Ctr of the Director. 90/02/15. HAIRSTON, W.G. Georgia Power Co. 3pp. 52835.214-52835.216

9003210067 Forwards safety evaluation accepting until 880630.0927 & 1019 responses to Generic Ltr 88-01 except for positions to average 4-hour interval RCS leakage measurements over 24-hour period & to not incorporate Tech Spec change.  
CROCKER, L.P. Project Directorate II-3. 90/02/16. HAIRSTON, W.G. Georgia Power Co. 3pp. 53112.085-53112.090

-9003210069 Safety evaluation accepting 880630.0927 & 1019 responses to Generic Ltr 88-01 except as noted & concluding that proposed IGSCC insp & mitigation program reasonably assures merit of long-term structural integrity of austenitic steel piping.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/16. 3pp. 53112.088-53112.090

9003080396 Confirms 900221 telcon granting enforcement discretion for fact by Unit will not trip Channel A of isolation circuitry for shutdown cooling in order to replace instrument 1B21-N080A found inoperable on 900221.  
EBNETER, S.D. Region 2, Ctr of the Director. 90/02/22. HAIRSTON, W.G. Georgia Power Co. 3pp. 52896.195-52896.197

9003140352 Discusses NRC 900221 granting of discretionary enforcement to continue shutdown cooling operation until reactor level instrument 1B21-N080A can be returned to svc. Replacement expected to be completed by 900221.  
HAIRSTON, W.G. Georgia Power Co. 90/02/22. EBNETER, S.D. Region 2, Ctr of the Director. 3pp. 53018.353-53018.355

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776.262-52776.360

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776.163-52776.261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52844.001-52844.090

9003080342 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk) 26pp. 53047.030-53047.055

9003220006 Forwards Insp Repts 50-321/90-01 & 50-366/90-01 on 900106.0216 violations noted but not cited.  
HERDT, A.R. Region 2, Ctr of the Director. 90/03/02. HAIRSTON, W.G. Georgia Power Co. 3pp. 53105.204-53105.223

-9003220008 Insp Repts 50-321/90-01 & 50-366/90-01 on 900106.0216 violations noted re proper position of HPCI valve & shift turnover briefing. Major areas inspected operationally safety verification, maint observation & ESF sys walkdown.  
MEHNING, J.E., MUSSEY, R.A., BROCKMAN, K.E. Region 2, Ctr of the Director. 90/03/02. 17pp. 53105.207-53105.223

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844.100-52844.198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 8pp. 52997.001-52997.094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997.095-52997.188

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52937.288-52937.381

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 10pp. 52844.109-52844.298

9003130584 Forwards results of circuit breaker testing, per Bulletin 88-010, per ltr to w/ LP Crocker.  
HAIRSTON, W.G. Georgia Power Co. 90/03/07. Document Control Branch (Document Control Desk) 5pp. 52895.239-52895.243

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.086-52963.199

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.208



3210122 Discusses Insp Repts 50-321/90-02 & 50-366/90-02 on 900124-25 & 0222 forwards notice of violation W/o encl.  
OLLINS, D.M. Region 2, Ofc of the Director. 90/03/12. HAIRSTON, W.G. Georgia Power Co. 3pp. 53098-167-53098-169.

3080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Sequestration Spray at PWR Facilities." Svc list encl.  
OSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-267.

3130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Charnel Box over." Svc list encl.  
OSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.

3160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl.  
UNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720) 7/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

3160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
OSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-103.

3190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
OSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

#### Periodic operating reports & related correspondence

3080355 "1989 Annual Operating Report on Safety Relief Valve Challenges & Design Changes & Tests for 1989." W/800227 ltr.  
HAIRSTON, W.G. Georgia Power Co. 89/12/31. 71pp. 52893-318-52894-028.

3180409 "Semiannual Radioactive Effluent Release Report for Jul-Dec 1989." W/10301 ltr.  
HAIRSTON, W.G. Georgia Power Co. 89/12/31. 168pp. 53038-291-53039-098.

3220189 Monthly operating reports for Feb 1990 for Hatch Units 1 & 2 W/800309 ltr.  
HARD, R.M. HAIRSTON, W.G. Georgia Power Co. 90/02/28. 12pp. 53124-150-53124-161.

#### Reportable occurrences, LERs & related correspondence

3060024 LER 90-002-00: on 900131, discovered that functional test of turbine stop valve position limit switches not performed. Caused by personnel error when writing cent rev Rev to Procedure 34SV-C71-001-1S/2S written W/900226 ltr.  
PPS, S.B. HAIRSTON, W.G. Georgia Power Co. 90/02/28. 7pp. 52845-017-52845-023.

3200450 LER 90-003-00: on 900212, determined that surveillance procedures for on-line functional testing of drywell high pressure instrumentation logic channels was inadequate. Caused by personnel error Procedures revised W/900312 ltr.  
PPS, S.B. HAIRSTON, W.G. Georgia Power Co. 90/03/12. 7pp. 53045-348-53045-354.

#### UNIT 60-322 SHOREHAM NUCLEAR POWER STATION

##### Security, medical, emergency & fire protection plans

3090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52990-252-52990-284.

03120680 Forwards announcement that ASLB has scheduled prehearing conference for facility on emergency preparedness W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/07/25. HOUSE OF REP. 1p. 52991-034-52991-034.

03130064 Forwards announcement that ASLB will conduct hearing on emergency planning issues in OL proceeding for facility.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/11/21. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 2pp. 52991-044-52991-045.

03130377 Forwards ASLB 841031 decision & order reviewing appeals from partial ASLB decision on ASLB re offsite emergency planning & low power operation W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 84/10/31. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991-071-52991-071.

03130401 Forwards announcement that ASLB has scheduled conference on 10/04 re emergency planning issues in OL proceeding W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 84/12/20. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991-074-52991-074.

03130426 Forwards NRC order releasing previously withheld info on physical security at plant W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/02/11. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991-077-52991-077.

KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/08/21. MARKEY, E.J. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991-085-52991-085.

-9003130498 Forwards ASLB decision that affirms earlier ASLB conclusion that utility lacks legal authority to implement mail portions of emergency response plan W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/10/21. MARKEY, E.J. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991-088-52991-088.

-9003130506 Forwards NRC ltr to FEMA requesting exercise of utility local emergency response organization plan as fully as feasible W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/11/13. MARKEY, E.J. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52991-089-52991-089.

-9003130512 Forwards announcement that ASLB will hear oral argument on 860212 on appeals still pending re emergency planning phase of OL W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 86/02/03. SIMPSON, A. House of Rep. Energy & Commerce. UDALL, M. MARKEY, E.J. House of Rep. 1p. 52991-092-52991-092.

9003050261 Forwards annual ltr of certification of utility local offsite radiological emergency response plan for facility. Requests that ltr be transmitted to FEMA for review info covers emergency equipment inventory sys & training.  
STEIGER, W.E. Long Island Lighting Co. 90/02/27. Document Control Branch (Document Control Desk). 182pp. 52824-201-52825-022.

#### H. General correspondence

9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52990-252-52990-284.

-9003090423 Informs that technical meeting scheduled for 810430 in Riverhead, NY to discuss utility application for OL has been postponed to later date.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/04/21. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-284-52990-284.

-9003120363 Requests NRC consideration of encl constituent, GJ Blass 810122 ltr.  
D'AMATO, A. Senate. 82/02/19. NRC - No Detailed Affiliation Given. 3pp. 52990-326-52990-328.

-9003120403 Responds to 820219 ltr forwarding 820122 ltr from constituent GJ Blass expressing concern re evacuation planning in environs of facility. Evacuation highly unlikely as protective measure. Related info encl W/o encl.  
DIRCKS, W.J. Ofc of the Executive Director for Operations. 82/03/25. D'AMATO, A. Senate. 2pp. 52990-345-52990-346.

-9003120441 Forwards introduction including executive summary & significant findings from NRC report on 820125 steam generator tube rupture at facility. D'Amato 820430 response to town of Riverhead 820412 petition re plant encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/04/21. OTTINGER, R.L. House of Rep. Energy & Commerce. MOFFETT, T. House of Rep. 4pp. 52890-351-52890-354.

-9003130441 Requests NRC consideration of encl constituent, PT Crenshaw 850218 ltr.  
D'AMATO, A. Senate. 85/08/13. NRC - No Detailed Affiliation Given. 2pp. 52991-079-52991-080.

-9003130454 Ack receipt of P Crenshaw ltr re licensing of plant. NRC issued OL on 850703 to utility to permit low power testing for up to 5% rated power.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/07/09. D'AMATO, A. Senate. 2pp. 52991-082-52991-083.

-9003130516 Requests NRC consideration of encl constituent, VA Suozzi 860307 ltr.  
D'AMATO, A. Senate. 86/03/18. NRC - No Detailed Affiliation Given. 2pp. 52991-093-52991-095.

-9003130525 Responds to 860318 referral of VA Suozzi 860307 ltr ASLB found agreements re Nassau County Veterans Memorial Coliseum satisfactory to provide reasonable assurance that utility will have access to coliseum in event of emergency.  
COTTER, B.P. Atomic Safety and Licensing Board Panel. 86/04/02. D'AMATO, A. Senate. 2pp. 52991-007-52991-098.

9003190110 Final response to FOIA request for documents Forwards App D documents App C documents available in PDR. Portions of App E documents withheld (rel FOIA Exemption 6).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/03/09. WEBER, M.A. New York Newsday. 5pp. 53006-338-53006-353.

-9003190229 Requests NRC consideration of encl constituent ltr.  
D'AMATO, A. Senate. 87/08/29. NRC - No Detailed Affiliation Given. 2pp. 53006-001-53006-002.

#### J. Insurance & Indemnity Information

9002280020 Forwards environ assessment & finding of no significant impact re exemption from requirements of 10CFR50.54(w)(1) to reduce full amount of required onsite property insurance from 1.08 billion dollars to 337 million dollars.  
BUTLER, W.R. Project Directorate 1-2. 90/02/16. STEIGER, W.E. Long Island Lighting Co. 4pp. 52760-126-52760-133.

-9002280021 Environ assessment & finding of no significant impact re utility 880908 request for exemption from requirements of 10CFR50.54(w)(1) to reduce full amount of onsite property insurance from 1.08 billion dollars to 337 million dollars.  
BUTLER, W.R. Project Directorate 1-2. 90/02/16. 4pp. 52760-130-52760-133.

## P. Operating license stage documents &amp; correspondence

9002220568 Summary of 900126 meeting w/PASNY to discuss three end documents entitled: "Site Cooperation & Reimbursement Agreement by & Between LILCO & Long Island Power Authority" & "Mgt Svcs Agreement Long Island Power Authority." KALMAN, G. Project Directorate V. 90/02/08. HOLAHAN, G.M. Division of Reactor Projects - 111/V.V. & Special Projects (Post 870411). 35pp. 52704.097-52705.124.

9002260384 Notification of 900227 meeting w/uti in Rockville, MD to discuss schedule for action on pending licensing requests. BROWN, S.W. Project Directorate I-2. 90/02/14. BUTLER, W.R. Project Directorate I-2. 4pp. 52725-300-52725.303.

9002270297 Notification of cancellation of 900227 meeting w/uti in Rockville, MD to discuss action schedule for licensing requests. BROWN, S.W. Project Directorate I-2. 90/02/14. BUTLER, W.R. Project Directorate I-2. 4pp. 52758-189-52758.192.

9002280061 Forwards application for amend to License NPF-82, revising Tech Specs to conform to Generic Ltr 89-01, "Implementation of Programmatic Controls for Radiological Effluent Tech Specs in Administrative Controls Section." STEIGER, W.E. Long Island Lighting Co. 90/02/20. Document Control Branch (Document Control Desk). 3pp. 52777.008-52777.344.

9002280063 License Change Application 5, amending License NPF-82 by revising Tech Specs to incorporate guidance in Generic Ltr 89-01 re implementation of programmatic controls for radiological effluent Tech Specs. STEIGER, W.E. Long Island Lighting Co. 90/02/20. 9pp. 52777.011-52777.019.

9002280064 Proposed Tech Specs conforming to guidance of Generic Ltr 89-01, "Implementation of Programmatic Controls for Radiological Effluent Tech Specs in Administrative Controls Section of Tech Specs & Relocation of Procedures." Long Island Lighting Co. 90/02/20. 150pp. 52777.020-52777.091.

9002280080 Draft "ODCM." Long Island Lighting Co. 90/02/20. 150pp. 52777.092-52777.344.

9003130099 Responds to Generic Ltr 89-19 re resolution of USI A-47 on safety implications of control sys & Generic Ltr 89-21 USI A-45, A-46, A-47, A-48 & A-49 completed status of USI A-47 changed from evaluating to no changes necessary. STEIGER, W.E. Long Island Lighting Co. 90/02/27. Document Control Branch (Document Control Desk). 6pp. 52995.048-52995.053.

9003150434 Authorizes extension for submittal of next updated SAR rev until 900601 in response to 891205 request. Update will describe facility as existed when uti decided to terminate operations. BOGER, B.A. Assistant Director for Region I Reactors. 90/03/09. STEIGER, W.E. Long Island Lighting Co. 3pp. 53020.222-53020.225.

9003200345 Requests interim relief from primary containment leak rate testing requirements of 10CFR50.54(a) & App J, III D 1-3 pending NRC disposition of LILCO 891208 request for exemption from same requirements. STEIGER, W.E. Long Island Lighting Co. 90/03/13. Document Control Branch (Document Control Desk). 2pp. 53104.314-53104.315.

9003230175 Forwards request for limited scope exemption from fitness-for-duty requirements of 10CFR26. Uti also requests that exemption be granted & remain in effect until NRC approves final disposition of OL. STEIGER, W.W. Long Island Lighting Co. 90/03/15. Document Control Branch (Document Control Desk). 2pp. 53145.337-53145.343.

9003230177 Request for limited scope exemption from fitness-for-duty requirements imposed by 10CFR26.2 & that exemption be granted & remain in effect until NRC approves final disposition of OL. STAFFIERI, V.A. Long Island Lighting Co. 90/03/15. 4pp. 53145.339-53145.343.

9003230205 Requests interim relief from certain requirements re emergency diesel generators for plant, pending disposition of uti outstanding request in 900105 ltr to amend license to create defueled facility OL. STEIGER, W.E. Long Island Lighting Co. 90/03/16. Document Control Branch (Document Control Desk). 3pp. 53174.222-53174.224.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 56pp. 53195.014-53195.089.

## Q. Inspection reports, IE Bulletins &amp; correspondence

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.380.

9003090324 Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDR. PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/28. WEBER, M.A. New York Newsday. 18pp. 52990.252-52990.284.

9003120594 Forwards announcement that NRC has cited uti for alleged improper testing of one of three emergency diesel generators at plant & has proposed \$40,000 fine. Transmittal & J Ref 830223 concern encl. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 83/04/12. OTTINGER, R.L. House of Rep., Energy & Commerce. 1p. 52991.023-52991.023.

9003130083 Forwards announcement that NRC has appointed PW Eselgroth as senior resident inspector at facility. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413). 84/01/23. OTTINGER, R.L. House of Rep., Energy & Commerce. SIMPSON, Senate. UDALL House of Rep. 1p. 52991.049-52991.049.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 88pp. 52844.001-52844.099.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement States Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997.095-52997.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART, L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997.268-52998.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.086-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52964.048.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003270027 Forwards Insp Rept 50-322/89-09 on 891109-900128. No violations noted. BLOUGH, A.R. Region 1, Ofc of the Director. 90/03/15. STEIGER, W.E. Long Island Lighting Co. 2pp. 53184.265-53184.278.

9003270031 Insp Rept 50-322/89-09 on 891109-900128. No violations noted. Major areas inspected: operations, maintenance, surveillance, committee activities & license conditions. DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/03/15. 12pp. 53184.267-53184.278.

9003280124 Grants 891208 enforcement discretion request re compliance w/ 10CFR50.54(a) & 10CFR50.50, App J, Sections III D 1-III D 3. VARGA, S.A. Division of Reactor Projects - 111/V (Post 870411). 90/03/16. STEIGER, W.E. Long Island Lighting Co. 5pp. 53148.089-53148.104.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.228.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168.057-53168.147.

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

## R. Periodic operating reports &amp; related correspondence

9003070111 "LILCO Shoreham Nuclear Power Station Annual Operating Rept." W/ 900227 ltr. NOTARO, J.A., STEIGER, W.E. Long Island Lighting Co. 89/12/31. 7pp. 52888.034-52888.040.

9003050266 Forwards "Semiannual Radioactive Effluent Release Rept, Third & Fourth Quarters of 1989." Rept includes info for each type of solid waste shipped offsite during period & meteorological & dose assessment data for entire yr. STEIGER, W.E. Long Island Lighting Co. 90/02/27. Document Control Branch (Document Control Desk). 1p. 52834.216-52834.289.

9003050268 "Semiannual Radioactive Effluent Release Rept, Third & Fourth Quarters 1989." Long Island Lighting Co. 89/12/31. 73pp. 52834.217-52834.289.

Forwards "10CFR50.59 Repl for Jan-Dec 1989" & discusses repl  
a 10CFR50.59 requires that repl 1st changes which did not involve unre-  
fely question & completed during reporting period.  
W.E. Long Island Lightng Co. 80/03/15 Document Control Branch (Docu-  
ment Desk). 2pp. 53124-176-53124 214

0 "10CFR50.59 Repl for Jan-Dec 1989."  
and Lighting Co. 89/12/31. 37pp. 53124-178-53124 214.

#### le occurrences, LERs & related correspondence

For LERs 90-002 & 90-003  
J.A. Long Island Lighting Co. 80/02/23 Document Control Branch (Docu-  
ment Desk). 1p. 52979.097-52979.105.

6 LER 90-003.00 on 900129, unplanned actuation of ESF primary contain-  
ment sys occurred Caused by inadequate procedural guidance Preventive  
scheduled activity worksheet for 24 volt dc power supply will be revised.  
S.G.D. Long Island Lighting Co. 80/02/23. 4pp. 52979.098-52979.101

3 LER 90-002.00 on 900128, unplanned ESF reactor b'dg standby ventila-  
tion Caused by inadequate procedure Sys layout Implementation pack-  
aged & reviewers will be cautioned to be most conservative when preparing  
S.G.D. Long Island Lighting Co. 90/02/23. 4pp. 52979.102-52979.105.

Partial response to FOIA request for documents App G records encl Info in  
ally withheld (ref FOIA Exemptions 5,6 & 7).  
Y.D.H. Division of Freedom of Information & Publications Services (Post  
80/03/12. ROLFE,R.M. Huntin & Williams ROLFE,R.M. Long Island Light-  
p. 53001.331-53002.039.

0 Partially deleted ltr discussing violation re failure to disclose known or po-  
sible in equipment subject to facility.  
G. Office of Investigations (Pre 880201). 87/09/16 Federal Bureau of In-  
3pp. 53002.017-53002.019.

3 Partially deleted memo re review & analysis of investigation of TDI Case  
J. Office of Investigations (Pre 880201). 87/06/26. MARSH,R.G. Office of  
s (Pre 880201). 4pp. 53002.020-53002.023

LER 88-029.02 on 880718, 18,21 & 870508, loss of reactor protect on sys  
caused due to spurious tripping of alternate feed EPA breakers Caused by  
voltage of alternate feed transformer Output adjusted W/800316 ltr.  
S.G.D. NOTARO,J.A. Long Island Lighting Co. 90/03/16. 5pp. 53144.059-

#### sional/Executive Correspondence

Partial response to FOIA request for documents Listed App B documents  
Apps A & B documents available in PDR  
D. Division of Freedom of Information & Publications Services (Post  
80/02/26. WEBER,M.A. New York Newsday. 18pp. 52980.252-52990.284.

8 Forwards announcement that subcommittee of ACRS will hold technical  
n 810430 to discuss util application for OL for facility W/o encl.  
R.C. Office of Congressional Affairs (Pre 870413). 81/04/16. UDALL,M.  
Rep., Interior & Insular Affairs. OTTINGER,R., MOFFETT,T. House of Rep.  
282-52990-282.

8 Forwards announcement that subcommittee of ACRS will hold technical  
discuss util application for OL W/o encl.  
R.C. Office of Congressional Affairs (Pre 870413). 81/07/07. UDALL,M.  
Rep., Interior & Insular Affairs. MOFFETT,T., OTTINGER,R. House of Rep.  
286-52990-286.

0 Forwards announcement that NRC will hold technical meeting on facility  
NY W/o encl.  
R.C. Office of Congressional Affairs (Pre 870413). 81/09/17.  
R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
Rep. 1p. 52990.301-52990.301.

2 Forwards announcement that pres'ding ASLB has scheduled conference  
W/o encl.  
R.C. Office of Congressional Affairs (Pre 870413). 82/02/26.  
R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
Rep. 1p. 52990.328-52990.328.

8 Forwards announcement that ASLB has scheduled resumption of hearing  
on of util for license to operate plant. W/o encl.  
R.C. Office of Congressional Affairs (Pre 870413). 83/03/21. SIMPSON,A.  
Environment & Public Works. UDALL, OTTINGER House of Rep. 1p.  
52991.022.

4 Forwards announcement that NRC has cited util for alleged improper  
one of three emergency diesel generators at plant & has proposed \$40,000  
mitial & J Rief 830223 concern encl W/o encl.  
R.C. Office of Congressional Affairs (Pre 870413). 83/04/12.  
R.L. House of Rep., Energy & Commerce. 1p. 52991.023-52991.023.

4 Forwards announcement from Region I re background radiation survey  
encl & BNL W/o encl.  
R.C. Office of Congressional Affairs (Pre 870413). 83/05/26.  
R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
Rep. 1p. 52991.031-52991.031.

0 Forwards announcement that ASLB has scheduled prehearing confer-  
ence on emergency preparedness W/o encl.  
R.C. Office of Congressional Affairs (Pre 870413). 83/07/25.  
R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
Rep. 1p. 52991.034-52991.034.

-9003120889 Forwards announcement that ASLB will hear oral argument on appeal of  
Citizens for Orderly Energy Policy, Inc. from ASLB denial of petition to intervene in OL  
proceeding on 830914 W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 83/08/31.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.035-52991.035.

-9003130064 Forwards announcement that ASLB will conduct hearing on emergency  
planning issues in OL proceeding for facility.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 83/11/21.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 2pp. 52991.044-52991.045.

-9003130083 Forwards announcement that NRC has appointed PW Eiselgroth as senior  
resident inspector at facility W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/01/23.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.049-52991.049.

-9003130147 Forwards announcement that ASLB will hear oral argument on 840327  
on appeals from ASLB 830821 partial decision re license proceeding for plant W/o  
encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/03/14.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.054-52991.054.

-9003130244 Forwards announcement that ASLB, recently appointed to rule on util sup-  
plemental motion for low power OL for plant, has scheduled hearing on motion to  
begin 840424 W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/04/12.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.053-52991.053.

-9003130252 Forwards Commission order re facility proceeding W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/05/16.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. DOWNEY  
House of Rep. 1p. 52991.060-52991.060.

-9003130290 Forwards announcement that pres'ding ASLB scheduled resumption of  
evidentiary hearing on 840730 in Hauppauge, NY re util request for low power OL for  
facility W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/07/19.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.063-52991.063.

-9003130314 Forwards announcement that pres'ding ASLB has scheduled resumption  
of 840910 hearing in State of NY re NRC proceeding on application for OL W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/08/28.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.065-52991.065.

-9003130321 Forwards ASLB order re fuel load & cold criticality testing at plant W/o  
encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/09/05.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.068-52991.068.

-9003130327 Forwards Chairman Palladino memo denying requests for recusal from  
plant proceedings W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/08/24.  
OTTINGER,R.L. House of Rep., Energy & Commerce. MOYNIHAN,D., D'AMATO,A.  
Senate. 1p. 52991.067-52991.067.

-9003130366 Forwards ASLB order authorizing issuance of license permitting low  
power testing at facility W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/10/30.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.070-52991.070.

-9003130377 Forwards ASLB 841031 decision & order reviewing appeals from partial  
initial decision of ASLB re offsite emergency planning & low power operation W/o  
encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/10/31.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.071-52991.071.

-9003130384 Forwards memorandum & order for facility W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/11/26.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.072-52991.072.

-9003130401 Forwards announcement that ASLB has scheduled conference on  
840104 re emergency planning issues in OL proceeding W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 84/12/20.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.  
House of Rep. 1p. 52991.074-52991.074.

-9003130419 Forwards announcement that ASLB scheduled resumption of evidentiary  
hearing on 850212 re util application for license to operate plant W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 85/01/28. House of  
Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991.076-  
52991.076.

-9003130426 Forwards NRC order releasing previously withheld info on physical securi-  
ty issues at plant W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 85/02/11. House of  
Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991.077-  
52991.077.

-9003130446 Forwards announcement that NRC issued OL on 850703 to util to con-  
duct low power testing up to 5% of rated power W/o encl.  
KAMMERER,R.C. Office of Congressional Affairs (Pre 870413). 85/07/05. MARKEY,E.  
House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p.  
52991.081-52991.081.

—9003130464 Forwards announcement that ASLB will hear oral argument on 850812 in Bethesda, MD re util appeal of ASLB 850417 partial decision on OL proceeding for plant W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/07/28. MARKEY, E.J. House of Rep. Energy & Commerce. SIMPSON Senate. UDALL House of Rep. 1p. 52991.084-52991.084

—9003130472 Forwards ASLB concluding partial initial decision on emergency planning around facility W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/08/27. MARKEY, E.J. House of Rep. Energy & Commerce. SIMPSON Senate. UDALL House of Rep. 1p. 52991.085-52991.085

—9003130476 Forwards announcement that ASLB will hear oral argument on 850826 in Bethesda, MD re plant W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/09/16. MARKEY, E.J. House of Rep. Energy & Commerce. SIMPSON Senate. UDALL House of Rep. 1p. 52991.086-52991.086

—9003130498 Forwards ASLB decision that affirms earlier ASLB conclusion that util lacks legal authority to implement mail portions of emergency response plan W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/10/21. MARKEY, E.J. House of Rep. Energy & Commerce. SIMPSON Senate. UDALL House of Rep. 1p. 52991.088-52991.088

—9003130508 Forwards NRC ltr to FEMA requesting exercise of util local emergency response organization plan as fully as feasible W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 85/11/13. MARKEY, E.J. House of Rep. Energy & Commerce. SIMPSON, HATFIELD Senate. 1p. 52991.089-52991.089

—9003130512 Forwards announcement that ASLB will hear oral argument on 860212 on appeals still pending re emergency planning phase of OL W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 86/02/03. SIMPSON, A. House of Rep. Energy & Commerce. UDALL, M. MARKEY, E. House of Rep. 1p. 52991.092-52991.092

—9003130539 Ack receipt of 860604 ltr re plant.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 86/06/09. D'AMATO, A. Senate. 1p. 52991.103-52991.103

—9003130543 Ack receipt of 860701 ltr re NRC decis on CL1-66-13 on facility.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 86/07/31. D'AMATO, A. Senate. 1p. 52991.104-52991.104

#### V. Operator Examinations

9003150154 Advises that F. Sauerbrun no longer needs to maintain NRC senior operator license 10602 due to resigning from position on 900216.  
STEIGER, W.E. Long Island Lighting Co. 90/03/07. Document Control Branch (Document Control Desk). 1p. 53022.084-53022.084

#### DOCKET 50-323 DIABLO CANYON NUCLEAR POWER PLANT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9003050120 Forwards Insp Repts 50-275/89-33 & 50-323/89-33 on 891204-08 & 13 & 900117 & notice of violation listed examples indicative of lack of effective mgmt involvement & quality oversight activities in fire protection area.  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/07. SHIFFER, J.D. Pacific Gas & Electric Co. 4pp. 52825.050-52825.067

—9003050125 Notice of violation from insp on 891204-08. Violation noted: no administrative procedures requiring operability of positive displacement charging pumps to ensure availability for safe shutdown.  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/07. 1p. 52825.054-52825.054

—9003050128 Insp Repts 50-275/89-33 & 50-323/89-33 on 891204-08/117. Violations noted. Major areas inspected followup of open items & review of licensee actions in response to open items.  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/06. 13pp. 52825.055-52825.067

9003220080 Rev 7 to EPIP EP R-2, "Release of Airborne Radioactive Mists." W/ 900313 ltr.  
TOWNSEND, J.D. WOMACK, L.F. Pacific Gas & Electric Co. 90/02/12. 28pp. 53113.071-53113.098

9003090300 Forwards public version of Rev 11 to EPIP EP G-4, "Personnel Accountability & Assembly." W/900305 release memo.  
WOMACK, L.F. Pacific Gas & Electric Co. 90/02/14. Document Control Branch (Document Control Desk). 2pp. 52968.083-52968.091

—9003090303 Public version of Rev 11 to EPIP EP G-4, "Personnel Accountability & Assembly."  
\* Pacific Gas & Electric Co. 90/01/17. 6pp. 52968.085-52968.091

9003070320 Forwards Insp Repts 50-275/90-04 & 50-323/90-04 on 900129-0202. No violations or deficiencies noted.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/02/16. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 52890.129-52890.139

—9003070324 Insp Repts 50-275/90-04 & 50-323/90-04 on 900129-0202. No violations or deviations noted. Major areas inspected, open items identified during previous emergency preparedness insps to address notifications & communications.  
GOOD, G.M. Region 5, Ofc of the Director. 90/02/15. 9pp. 52890.131-52890.139

9003090133 Confirms 900226 telecon re scheduling of enforcement conference at facility on 900316 to discuss violations noted during last security insp.  
SCARANO, R.A. Region 5, Ofc of the Director. 90/03/02. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 52945.103-52945.104

9003140180 Notification of 900318 enforcement conference in San Luis Obispo, CA to discuss violations noted during unannounced routine security insp at plant.  
SCARANO, R.A. Region 5, Ofc of the Director. 90/03/02. Region 5, Ofc of the Director. 2pp. 53020.006-53020.007

9003120078 Forwards Safeguards Insp Repts 50-275/90-02 & 50-323/90-02 or 900205-14. Violations noted re unauthorized access inside vital areas & failure to report to NRC loss of compensatory security measures Insp repts withheld (ref 10CFR2.760).  
SCARANO, R.A. Region 5, Ofc of the Director. 90/03/03. SHIFFER, J.D. Pacific Gas & Electric Co. 3pp. 52874.132-52874.134

9003200325 Notification of 900403.04 & 05 meeting w/util in Rockville, MD to discuss NRC evaluation of electrical power sys & fire analysis of plant PRA & results of NRC plant quantification & sensitivity analyses re long-term seismic program.  
ROOD, H. Project Directorate V. 90/03/14. TRAMMELL, C.M. Project Directorate V. 5pp. 53079.134-53079.139

#### G. Adjudicatory correspondence

9003280164 Order. Advises that plaintiffs in Holt vs PG&E request for relief from necessity for duty rule pending review of appeals considered moot per US Court of Appeals for Ninth Circuit denial of stay motion. W/Certificato of Svc Servd on 900322.  
CHILK, S.J. Office of the Secretary of the Commission. #190 10130 90/03/22. Office of the General Counsel (Post 860701). 4pp. 53124.063-53124.065

#### H. General correspondence

9003090324 Partial response to FOIA request for documents Listed App B documents enclosed. Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsway. 18pp. 52990.252-52990.264

—9003120253 Requests NRC consideration of encl constituent ltr.  
D'AMATO, A. Senate. 81/11/13. NRC - No Data. Affiliation Given. 2pp. 52990.311-52990.312

—9003120268 Ack receipt of constituents, Benham's 811113 ltr re safety of plant. Commission 811120 order suspending license for Unit 1 encl. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/11/24. D'AMATO, A. Senate. 1p. 52990.314-52990.316

#### I. Financial Information

9003150333 "Pacific Gas & Electric Co. 1989 Annual Report." W/900313 ltr.  
CLARKE, R.A. LOCKE, R.F. Pacific Gas & Electric Co. 89/12/31. 53pp. 53032.108-53032.159

#### O. Advisory Committee on Reactor Safeguards reports & correspondence

9002280255 Summarizes 890808-10 meeting in Rockville, MD re Diablo Canyon NRC as Power Plant.  
PAGE, B.M. Stanford Univ., Stanford, CA. 89/08/11. SISS, C.P. Illinois, Univ. of Urbana, IL. 2pp. 52780.160-52780.161

9002280246 Summarizes ACRS 890808.09 & 10 meetings in Rockville, MD re seismic source characterization for plant & earthquake magnitudes.  
THOMPSON, G.A. Stanford Univ., Stanford, CA. 89/08/06. SEISS, C.P. Illinois, Univ. of Urbana, IL. 2pp. 52759.308-52759.307

#### P. Operating license stage documents & correspondence

9002220614 Forwards Amends 48 & 47 to Licenses DPR-80 & DPR-82, respectively, revising Tech Spec 4.3.1.1, Table 4.3-1, Item 23, "Seismic Trip" & safety evaluation.  
ROOD, J.I. Project Directorate V. 90/02/06. SHIFFER, J.D. Pacific Gas & Electric Co. 3pp. 52703.210-52703.224

—9002220618 Amends 48 & 47 to Licenses DPR-80 & DPR-82, respectively, revising Tech Spec 4.3.1.1, Table 4.3-1, Item 23, "Seismic Trip."  
TRAMMELL, C.M. Project Directorate V. 90/02/06. 8pp. 52703.213-52703.220

—9002220623 Safety evaluation supporting Amends 48 & 47 to Licenses DPR-80 & DPR-82, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/06. 4pp. 52703.221-52703.224

9002230523 Forwards proprietary WCAP-12495 & nonproprietary WCAP-12495, "Review of Flow Peaking & Tube Fatigue in Diablo Canyon Units 1 & 2 Steam Generators" per El. Murphy Aug 1989 request.  
SHIFFER, J.D. Pacific Gas & Electric Co. 90/02/06. Document Control Branch (Document Control Desk). 2pp. 52719.129-52719.160

—9002230529 Requests withholding of proprietary WCAP-12495, "Review of Flow Peaking & Tube Fatigue in Diablo Canyon Units 1 & 2 Steam Generator," from public disclosure.  
WESEMAN, R.A. Westinghouse Electric Corp. 90/01/22. MURLEY, T.E. Document Control Branch (Document Control Desk). 10pp. 52719.131-52719.140

—9002230535 "Review of Flow Peaking & Tube Fatigue in Diablo Canyon Units 1 & 2 Steam Generators."  
HALL, J.M., HU, M.H., PITTMAN, T.A. Westinghouse Electric Corp. WCAP-12495. 89/11/30. 20pp. 52719.141-52719.160

9002230486 Advises that 900125 proposed changes to QA program submitted for update of Chapter 17 to FSAR acceptable.  
ZIMMERMAN, R.P. Region 5, Ofc of the Director. 90/02/13. SHIFFER, J.D. Pacific Gas & Electric Co. 1p. 52988.223-52988.223

9002270168 Forwards State of CA 900119 ltr authorizing rerouting & discharge of Effluent as described in util 890929 ltr.  
WOMACK, L.F. Pacific Gas & Electric Co. 90/02/14. Document Control Branch (Document Control Desk). 4pp. 52756.182-52756.185

1260371 Responds to NRC 900119 request for info re long-term seismic program PRA of electric power sys.  
HFFER,J.D. Pacific Gas & Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 23pp. 52738.310-52738.332.

3060119 Litigation Rept 1990-10.  
ORDEN,J.F. Solicitor (Post 860701). SECY-90-052. 90/02/16. 46pp. 52988-309-2988-354.

3020117 Forwards application for amend to License DPR-82,consisting of License Amend Request 90-02,changing Tech Spec 3.4.2.2 for one-time exemption to operate unit w/pressurizer safety valve 8010B inoperable & disabled.  
HFFER,J.D. Pacific Gas & Electric Co. 90/02/20. Document Control Branch (Document Control Desk). 2pp. 52816.226-52816.238.

3020119 Application for amend to License DPR-82,consisting of License Amend Request 90-02,changing Tech Spec 3.4.2.2 to allow operation of unit w/pressurizer safety valve 8010B inoperable & disabled.  
HFFER,J.D. Pacific Gas & Electric Co. 90/02/20. 10pp. 52816.228-52816.237.

3020122 Proposed Tech Spec 3.4.2.2,inserting footnote for one-time exemption to allow unit to operate w/one pressurizer safety valve inoperable & disabled.  
Pacific Gas & Electric Co. 90/02/20. 2pp. 52816.238-52816.239.

3080398 Responds to 900122 request for addl info re util evaluation of effectiveness mgt oversight & assessment of need for addl corrective actions concerning excessive personnel overtime.Procedure AP A-8 revised.  
HFFER,J.D. Pacific Gas & Electric Co. 90/02/21. Document Control Branch (Document Control Desk). 2pp. 52910.125-52910.126.

3090243 Forwards addl info re 891115 NPOES permit application Thru wastewater treatment technologies deleted,including screening,chlorination & landfill.  
JRTADQ,V.C. Pacific Gas & Electric Co. 90/02/21. LEONARD,W. California, State 13pp. 52945.134-52945.188.

3010158 Summary of 900130 meeting w/utl in Rockville,MD re license amend request to disable one pressurizer safety valve in event of valve leak.  
ROOD,H. Project Directorate V. 90/02/22. Project Directorate V. 26pp. 52815.269-52815.293.

3080391 Forwards supplemental info to 880429 ltr re steam generator tube rupture analysis,per 891111 request,util upgrading 10% steam generator PORVs to provide dependent vital control power source for backup air bottle supply to each valve.  
HFFER,J.D. Pacific Gas & Electric Co. 90/02/22. Document Control Branch (Document Control Desk). 14pp. 52856.292-52856.305.

3090233 Forwards proposed changes to plant monitoring & reporting program,per 0123 & 0220 discussions.  
JRTADQ,V.C. Pacific Gas & Electric Co. 90/02/22. LEONARD,W. California, State 16pp. 52950.028-52950.043.

3070089 Forwards request for addl info re NRC review of plant long-term seismic program covering geology,geophysics & seismology issues info should be provided by 0331 to prepare for mid-Apr 1990 meeting.  
ROOD,H. Project Directorate V. 90/02/23. SHIFFER,J.D. Pacific Gas & Electric Co. 1p. 52890.091-52890.097.

3150125 Forwards Amends 50 & 49 to Licenses DPR-80 & DPR-82, respectively & safety evaluation.Amends revise Tech Spec Table 3.3.6, "Radiation Monitoring Instrumentation..." to increase alarm/trip setpoint for RM-58 to 75 mrem/h.  
ROOD,H. Project Directorate V. 90/02/26. SHIFFER,J.D. Pacific Gas & Electric Co. 3p. 53032.162-53032.168.

3150129 Amends 50 & 49 to Licenses DPR-80 & DPR-82, respectively, revising ch Spec Table 3.3.6, "Radiation Monitoring Instrumentation for Plant Operations" increase alarm/trip setpoint of RM-58 from 16 to 75 mrem/h.  
ROOD,H. Project Directorate V. 90/02/26. 7pp. 53032.188-53032.194.

3150130 Safety evaluation supporting Amends 50 & 49 to Licenses DPR-80 & DPR-82, respectively.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/26. 4pp. 53219.53032-188.

3150184 Forwards Amends 51 & 50 to Licenses DPR-80 & DPR-82, respectively & safety evaluation.Amends revise Tech Specs to allow removal of boron injection tank from each unit.  
ROOD,H. Project Directorate V. 90/02/26. SHIFFER,J.D. Pacific Gas & Electric Co. 1p. 53047.118-53047.149.

3150187 Amends 51 & 50 to Licenses DPR-80 & DPR-82, respectively, revising ch Spec to allow removal of boron injection tank from each unit.  
ROOD,H. Project Directorate V. 90/02/26. 24pp. 53047.122-53047.145.

3150188 Safety evaluation supporting Amends 51 & 50 to Licenses DPR-80 & DPR-82, respectively.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/26. 4pp. 53047.148-53047.149.

3090166 Forwards completed NRC regulatory impact survey questionnaire sheet,per mem ltr 90-01.Util believes that Insp & audit data provided will enhance data base used to develop survey results.  
HFFER,J.D. Pacific Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 25pp. 52964.053-52964.077.

3090258 Forwards application for amends to Licenses DPR-80 & DPR-82, adding ch Spec 3.4.7.1.6 & associated bases to assure operability of steam generator atmospheric dump valves for mitigation of steam generator tube rupture accident.  
HFFER,J.D. Pacific Gas & Electric Co. 90/02/28. 2pp. 52945.201-52945.210.

3090261 Application for amends to Licenses DPR-80 & DPR-82,adding Tech Spec 3.4.7.1.6 to assure operability of steam generator 10% atmospheric dump valves for mitigation of steam generator tube rupture accident.  
HFFER,J.D. Pacific Gas & Electric Co. 90/02/28. 2pp. 52945.201-52945.208.

9003150024 Notification of 900319 meeting w/utl in Golden,CO to review & discuss typical ground motion studies & plant long-term seismic program.  
ROOD,H. Project Directorate V. 90/03/06. TRAMMELL,C.M. Project Directorate V. 5pp. 53025.163-53025.167.

9003200325 Notification of 900403.04 & 05 meeting w/utl in Rockville, MD to discuss NRC evaluation of electrical power sys & fire analysis of plant PRA & results of NRC plant qualification & sensitivity analysis re long-term seismic program.  
ROOD,H. Project Directorate V. 90/03/14. TRAMMELL,C.M. Project Directorate V. 5pp. 53079.134-53079.138.

9003200344 Forwards request for addl info re NRC review of plant PRA performed for long-term seismic program,resulting from review of util presentations at recent technical meetings & written submittals.  
ROOD,H. Project Directorate V. 90/03/14. SHIFFER,J.D. Pacific Gas & Electric Co. 5pp. 53079.139-53079.143.

9003210114 Forwards application for License Amend Request 90-04 to Licenses DPR-80 & DPR-82,revsing Tech Specs 3.5.4.1 & 3.5.4.2,Table 3.3-5 & associated bases to change applicability of boron injection tank.  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/03/14. Document Control Branch (Document Control Desk). 2pp. 53105.076-53105.088.

9003210117 Application for amends to Licenses DPR-80 & DPR-82,changing Tech Specs 3.5.4.1 & 3.5.4.2,Table 3.3-5 & associated bases to change applicability of boron injection tank.  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/03/14. 5pp. 53105.078-53105.082.

9003210118 Proposed Tech Specs 3.5.4.1 & 3.5.4.2,revsing Table 3.3-5 & associated bases to change applicability of boron injection tank.  
Pacific Gas & Electric Co. 90/03/14. 6pp. 53105.083-53105.088.

9003260347 Forwards FR notice of consideration of issuance of amends to Licenses DPR-80 & DPR-82 & proposed NSHC determination & opportunity for hearing on 900314 request to combine Tech Specs re removal of boron injection tank.  
ROOD,H. Project Directorate V. 90/03/15. SHIFFER,J.D. Pacific Gas & Electric Co. 3pp. 53148.054-53148.064.

9003260351 Notice of consideration of issuance of amends to Licenses DPR-80 & DPR-82 & proposed NSHC determination & opportunity for hearing re 900314 request to combine Tech Specs to remove boron injection tank.  
ROOD,H. Project Directorate V. 90/03/15. 8pp. 53148.057-53148.064.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28,Item 2.2,Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co of New York, Inc. 55pp. 53195.014-53195.069.

## G. Inspection reports, IE Bulletins & correspondence

9003050120 Forwards Insp Repts 50-275/89-33 & 50-323/89-33 on 891204-08 & 13 & 900117 & notice of violation Listed examples Indicative of lack of effective mgt involvement & quality oversight activities in fire protection area.  
HUEY,F.R. Region 5, Ofc of the Director. 90/02/07. SHIFFER,J.D. Pacific Gas & Electric Co. 4pp. 52825.050-52825.067.

9003050126 Notice of violation from Insp on 891204-08.Violation noted no administrative procedures requiring operability of positive displacement charging pumps to ensure availability for safe shutdown.  
HUEY,F.R. Region 5, Ofc of the Director. 90/02/07. 1p. 52825.054-52825.054.

9003050128 Insp Repts 50-275/89-33 & 50-323/89-33 on 891204-900117. Violations noted:Major areas inspected:followup of open items & review of licensee actions in response to open items.  
HUEY,F.R. Region 5, Ofc of the Director. 90/02/06. 13pp. 52825.055-52825.067.

9002230095 EN-90-015 on 900213,notice of violation & proposed imposition of civil penalty in amount of \$50,000 will be issued based on three violations re containment sump operability.  
TROSOSKI,W., LIEBERMAN,J. Ofc of Enforcement (Post 870413). 90/02/08. 1p. 52715.063-52715.063.

9002220604 Forwards notice of violation addressing deficiencies identified in Insp Repts 50-275/89-33 & 50-275/89-27.  
ZIMMERMAN,R.P. Region 5, Ofc of the Director. 90/02/09. SHIFFER,J.D. Pacific Gas & Electric Co. 3pp. 52714.001-52714.005.

9002220626 Notice of violation from Insp on 890821-1026 Violation noted:failure to take appropriate measures to ensure correction of deficiencies identified by licensee involving safety-related application of parts provided by suppliers.  
ZIMMERMAN,R.P. Region 5, Ofc of the Director. 90/02/09. 2pp. 52714.004-52714.005.

9002220606 Discusses Special Insp Repts 50-275/89-31 & 50-323/89-31 on 891017-1211 & forwards notice of violation & proposed imposition of civil penalty in amount of \$50,000.Violations discussed during 891219 enforcement conference.  
MARTIN,J.B. Region 5, Ofc of the Director. 90/02/13. SHIFFER,J.D. Pacific Gas & Electric Co. 3pp. 52705.245-52705.250.

9002220619 Notice of violation & proposed imposition of civil penalty in amount of \$50,000.Violations noted:inadequacy of actions to identify & correct nonconforming conditions re excessive gaps in Unit 1 recirculation sump & inadequate insp.  
MARTIN,J.B. Region 5, Ofc of the Director. 90/02/13. 3pp. 52705.248-52705.250.

9003080156 Forwards Insp Repts 50-275/90-03 & 50-323/90-03 on 900122-26.No violations noted.  
YUHAS,G.P. Region 5, Ofc of the Director. 90/02/14. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp. 53049.003-53049.015.

9003080163 Insp Repts 50-275/90-03 & 50-323/90-03 on 900122-26.No violations noted.

9003070320 Forwards Insp Repts 50-275/90-04 & 50-323/90-04 on 900129-0202 No violations or deficiencies noted  
YUHAS,G.P. Region 5, Ofc of the Director. 90/02/15. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp. 52890.129-52890.139.

9003070324 Insp Repts 50-275/90-04 & 50-323/90-04 on 900129-0202 No violations or deviations noted Major areas inspected open items identified during previous emergency preparedness insps to address notations & communications  
GOOD,G.M., YUHAS,G.P. Region 5, Ofc of the Director. 90/02/15. 8pp. 52890.131-52890.139.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23 Consolidated Edison Co. of New York, Inc. 9pp. 52776.262-52776.360

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated With Solenoid Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp. 52778.163-52778.261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp. 52844.001-52844.059.

9003090166 Forwards completed NRC regulatory impact survey questionnaire sheet, per Generic Ltr 90-01. Util. believes that insp & audit data provided will enhance data base used to develop survey results  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 2pp. 52964.053-52964.077

9003260182 Forwards Insp Repts 50-275/89-34 & 50-323/89-34 on 891210-900127 & notice of violation.  
RICHARDS,S.A. Region 5, Ofc of the Director. 90/02/28. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp. 53147.167-53147.185.

9003260170 Notice of violation from insp on 891210-900127 Violation noted erection of scaffolding on 891221 in three Unit 2 vital battery rooms w/o assuring that battery would not be adversely impacted during seismic event  
RICHARDS,S.A. Region 5, Ofc of the Director. 90/02/28. 2pp. 53147.169-53147.170.

9003260175 Insp Repts 50-275/89-34 & 50-323/89-34 on 891210-900127 Violation noted No deviations noted Major areas inspected plant operations, maint & surveillance activities, followup of offsite events, open items & LERs  
MENDONCA,M.M. Region 5, Ofc of the Director. 90/02/27. 15pp. 53147.171-53147.185.

9003080294 Forwards "Inservice Insp Exam Schedule, Diablo Canyon Unit 2, Third Refueling Outage."  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/03/02. Document Control Branch (Document Control Desk). 1p. 52659.044-52659.075

9003080302 "Inservice Insp Exam Schedule, Diablo Canyon Unit 2, Third Refueling Outage."  
Pacific Gas & Electric Co. 90/03/02. 31pp. 52659.045-52659.075

9003090133 Confirms 900226 telcon re scheduling of enforcement conference at facility on 900316 to discuss violations noted during last security insp.  
SCARANO,R.A. Region 5, Ofc of the Director. 90/03/02. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp. 52945.103-52945.104.

9003140180 Notification of 900316 enforcement conference in San Luis Obispo, CA to discuss violations noted during unannounced routine security insp at plant.  
SCARANO,R.A. Region 5, Ofc of the Director. 90/03/02. Region 5, Ofc of the Director. 2pp. 53020.008-53020.007.

9003120076 Forwards Safeguards Insp Repts 50-275/90-02 & 50-323/90-02 on 900205-14 Violations noted re unauthorized access inside vital areas & failure to report to NRC loss of compensatory security measures Insp repts withheld (ref 10CFR2.760).  
SCARANO,R.A. Region 5, Ofc of the Director. 90/03/03. SHIFFER,J.D. Pacific Gas & Electric Co. 3pp. 52974.132-52974.134.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844.100-52844.198.

9003150108 Responds to NRC 900202 ltr re violations noted in Insp Repts 50-275/89-29 & 50-323/89-29. Corrective actions: Administrative Procedure A-150 revised to require that senior staff have current senior operator license.  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/03/05. Document Control Branch (Document Control Desk). 3pp. 53022.110-53022.112.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52987.001-52987.094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997.085-52997.189.

9003010227 NRC Info Notice 90-016, "Compliance With New Decommissioning Rule." Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997.288-52998.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.300-52964.048.

9003260322 Forwards Exam Repts 50-275/OL-90-01 & 50-323/OL-90-01 administered on 900205-09  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/03/09. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp. 53147.237-53148.011.

9003260326 Exam Repts 50-275/OL-90-01 & 50-323/OL-90-01 on 900205-09 Exam results all 10 senior reactor operators passed both written & oral exams. Two licensed operators passed requalification exam retakes  
JOHNSTON,G.W. Region 5, Ofc of the Director. 90/03/02. 133pp. 53147.235-53148.011

9003200402 Responds to NRC 900209 ltr re violations noted in Insp Repts 50-275/89-22 & 50-323/89-27. Corrective actions: Nuclear Engineering Manual Procedure 12.4 re technical evaluation of supplier quality programs being prepared.  
SHIFFER,J.D. Pacific Gas & Electric Co. 90/03/12. Document Control Branch (Document Control Desk). 5pp. 53069.225-53069.229.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003220253 Confirms telcon re SALP licensee meeting at plant on 900322. Proposed agenda & internal meeting notice encl.  
ZIMMERMAN,R.P. Region 5, Ofc of the Director. 90/03/16. SHIFFER,J.D. Pacific Gas & Electric Co. 4pp. 53145.199-53145.204.

9003220263 Notification of 900322 SALP licensee meeting w/utl at plant.  
Region 5, Ofc of the Director. 90/03/16. Region 5, Ofc of the Director. 2pp. 53145.203-53145.204.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Blow." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

## R. Periodic operating reports & related correspondence

9003080377 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989." W/ 900227 ltr & one oversize figure.  
WOMACK,L.F. Pacific Gas & Electric Co. 89/12/31. 93pp. 52924.033-52924.125.

9003090176 "Tabulation of Personnel Exposure to Radiation for 1989." W/ 900228 ltr.  
WOMACK,L.F. Pacific Gas & Electric Co. 89/12/31. 5pp. 52967.027-52967.031.

9002280014 "Rept on Discharge Monitoring at Diablo Canyon Power Plant During Month of Jan. 1990." W/ 900220 ltr.  
TOWNSEND,J.D. Pacific Gas & Electric Co. 90/01/31. LEONARD,W. California, State of. 28pp. 52760.212-52760.237.

9003220049 Monthly operating repts for Feb 1990 for Diablo Canyon Units 1 & 2. W/ 900315 ltr.  
BEDESEM,P., TOWNSEND,J.D. Pacific Gas & Electric Co. 90/02/28. 11pp. 53112.209-53112.219.

## S. Reportable occurrences, LERs & related correspondence

9002280122 Provides summary rept re unusual event per NUREG 0654, Rev 1, App 1. On 900206, seismic activity felt by plant personnel & confirmed by seismic instrumentation in control room.  
TOWNSEND,J.D. Pacific Gas & Electric Co. 90/02/07. HENDRIX,R. San Luis Obispo, CA. 2pp. 52778.017-52778.018.

## V. Operator Examinations

9003260322 Forwards Exam Repts 50-275/OL-90-01 & 50-323/OL-90-01 administered on 900205-09.  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/03/09. SHIFFER,J.D. Pacific Gas & Electric Co. 2pp. 53147.237-53148.011.

9003260326 Exam Repts 50-275/OL-90-01 & 50-323/OL-90-01 on 900205-09. Exam results all 10 senior reactor operators passed both written & oral exams. Two licensed operators passed requalification exam retakes.  
JOHNSTON,G.W., MILLER,L.F. Region 5, Ofc of the Director. 90/03/02. 133pp. 53147.239-53148.011.

Security, medical, emergency & fire protection plans

**002260270** Forwards Rev 26 to Plant Emergency Procedure PEP-02.1, "Initial Emergency Actions," & Rev 29 to Vol XIII, Book 1, "Emergency Response Plan," effective page listing & Page 6-1.  
HARNESSE, J.L. Carolina Power & Light Co. 90/02/12 EBNETER, S.D. Region 2, Ofc of the Director. 3pp. 52725-046-52725-060

**002260273** Rev 26 to Plant Emergency Procedure PEP-02.1, "Initial Emergency Actions."  
MOYER, J. Carolina Power & Light Co. 90/01/30. 6pp. 52725-049-52725-056

**002260275** Rev 29 to Vol XIII, Book 1, "Emergency Response Plan," effective page listing & Page 6-1.  
MOYER, J. Carolina Power & Light Co. 90/01/30. 4pp. 52725-057-52725-060

**03010329** Rev 29 to radiological emergency plan effective page listing  
\* Carolina Power & Light Co. 90/02/19. 3pp. 52815-313-52815-315

**03130199** Advises that 900130 Rev 29 to emergency plan meets planning stds of 10CFR50.47(b) & requirements of App E to 10CFR50.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/02/23. EURY, L.W. Carolina Power & Light Co. 3pp. 52896-201-52896-203.

**03080151** Rev 5 to Plant Emergency Procedure PEP-03.8.2, "Personnel Accountability."  
HARNESSE, J.L. Carolina Power & Light Co. 90/02/26 EBNETER, S.D. Region 2, Ofc of the Director. 9pp. 52910-334-52910-342

**03220012** Forwards Insp Repts 50-324/90-08 & 50-325/90-08 on 900212-16. Violations noted but not cited.  
COLLINS, D.M. Region 2, Ofc of the Director. 90/03/08. EURY, L.W. Carolina Power & Light Co. 3pp. 53112-241-53112-253

**03260268** Revised emergency procedures, including Rev 14 to PEP-02.6.3, Rev 6 to PEP-02.6.17 & Rev 2 to PEP-04.4.W/900319 ltr.  
MOYER, J. HARNESSE, J.L. Carolina Power & Light Co. 90/03/10 EBNETER, S.D. Region 2, Ofc of the Director. 17pp. 53189-079-53189-085.

Insurance & indemnity information

**03140289** Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re NRC team insps, INPO evaluations, insurer insps & EPA & OSHA insps.  
LOFLIN, L.I. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029-332-53029-341.

Operating license stage documents & correspondence

**02220480** Submits schedule for installing hardened watertight vent, per Generic Ltr 89-18. Unit 1 intends to perform hardened watertight vent mods during second refueling outage after 891027 for each unit. Mods to Unit 1 may not be completed by 890101.  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/08. Document Control Branch (Document Control Desk). 1p. 52704-029-52704-029.

**02260339** Grants 900202 request for temporary waiver of compliance for Tech Specs associated w/ listed Tech Spec interpretations resulting from inability to perform lateral equipments due to physical configuration of plant.  
EHL, C.W., Assistant Director for Region II Reactors. 90/02/14. EURY, L.E. Carolina Power & Light Co. 4pp. 52736-286-52736-289.

**02270032** Responds to request for add info re primary containment isolation sys. Determined that RWCU line break covered by existing generic high energy line break profiles used to qualify plant equipment.  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52749-111-52749-112.

**03070325** Forwards Amends 140 & 172 to Licenses DPR-71 & DPR-62, respectively. A safety evaluation Amends revise Tech Spec Section 3/4.4.6, "Pressure/Temp limits," to modify current wording & limiting conditions for operation.  
E.N.B. Project Directorate II-1. 90/02/15. EURY, L.W. Carolina Power & Light Co. pp. 52888-219-52888-267.

**03070329** Amends 140 & 172 to Licenses DPR-71 & DPR-62, respectively, revising Tech Spec Section 3/4.4.6, "Pressure/Temp Limits," to modify current wording/limiting conditions for operation & pressure/temp limit curves for consistency.  
OURIGNY, E.G. Project Directorate II-1. 90/02/16. 34pp. 52888-223-52888-256.

**03070335** Safety evaluation supporting Amends 140 & 172 to Licenses DPR-71 & DPR-62, respectively.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/15. 11pp. 52888-257-52888-267.

**02270329** Application for amends to Licenses DPR-71 & DPR-62, removing 3.25 limit in extending surveillance intervals.  
CUTTER, A.B. Carolina Power & Light Co. 90/02/16. Document Control Branch (Document Control Desk). 6pp. 52763-030-52763-039.

**02280025** Proposed Tech Specs eliminating max combined interval time for any three consecutive surveillances.  
Carolina Power & Light Co. 90/02/16. 5pp. 52753-035-52753-039.

**02230088** Advises that 900126 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," acceptable.  
E.N.B. Project Directorate II-1. 90/02/20. EURY, L.W. Carolina Power & Light Co. pp. 52715-073-52715-075.

**02230352** Forwards safety evaluation concluding that procedures generation package submitted by 830817 & 841031 ltrs needs review to address programmatic improvements. Consideration of encl & Insp Repts 50-325/88-200 & 50-324/88-200 rged.  
E.N.B. Project Directorate II-1. 90/02/20. EURY, L.W. Carolina Power & Light Co. 8pp. 52716-255-52716-272.

**9003050154** Forwards corrected pages to Amend 171 to License DPR-62 issued on 900208. Amend changes Tech Specs to add footnote to Tables 2.2.1.1 & 3.2.2.2 for adjustment of main steam line radiation monitors when water chemistry sys in svc.  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/23. Document Control Branch (Document Control Desk). 8pp. 52835-089-52835-094.

**9003080008** Forwards revised Tech Specs pages, incorporating Amends 130 & 160 to Licenses DPR-71 & DPR-62, respectively, re secondary containment instrumentation.  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/23. Document Control Branch (Document Control Desk). 1p. 52838-191-52838-196.

**-9003080017** Tech Specs re secondary containment instrumentation  
\* Carolina Power & Light Co. 90/02/23. 5pp. 52838-192-52838-196.

**9003080503** Application for amends to Licenses DPR-71 & DPR-62, changing bases section of Tech Spec 3/4.8, "Electrical Power Sys," consisting of clarification of Surveillance Requirement 4.8.1.1.2 d 1 re emergency diesel generator during shutdown.  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/23. Document Control Branch (Document Control Desk). 3pp. 52897-058-52897-062.

**-9003080504** Proposed Tech Specs changing bases section for Spec 3/4.8, "Electrical Power Sys," consisting of clarification of Surveillance Requirement 4.8.1.1.2 d 1 re emergency diesel generator during shutdown  
\* Carolina Power & Light Co. 90/02/23. 2pp. 52897-061-52897-062.

**9003050259** Confirms amount electronically transferred to US Dept of Treasury, NRC on 900223 for payment of NRC review fees of 10CFR50 applications & 10CFR55 svcs per 10CFR170, for period of 890101-0817 for listed inv cos.  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/26. Document Control Branch (Document Control Desk). 17pp. 52835-099-52835-115.

**9003080420** Forwards Rev 0 to 23A6456, "Supplemental Reload Licensing Rept for Brunswick Steam Electric Plant Unit 2 Reload 8 Cycle 9" & proprietary Rev 0 to Suppl 2 to NEDC-31624P. Proprietary rept withheld (ref 10CFR2.790).  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 4pp. 52823-025-52823-054.

**-9003080425** Rev 0 to "Supplemental Reload Licensing Rept for Brunswick Steam Electric Plant Unit 2 Reload 8 Cycle 9."  
LAMBERT, P.A., Hill, L.R.T., MOEN, S.C. General Electric Co. 23A6456 R00. 90/01/31. 25pp. 52923-029-52923-054.

**9003090511** Application for amends to Licenses DPR-62 & DPR-71, revising Tech Spec Section 3.7.1.2 to clarify & expand svc water pump operability requirements, thereby better reflecting plant design.  
CUTTER, A.B. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 7pp. 52066-282-52066-288.

**-9003090516** Proposed Tech Specs, revising Section 3.7.1.2 to clarify & expand svc water pump operability requirements, thereby better reflecting plant design.  
\* Carolina Power & Light Co. 90/02/28. 10pp. 52066-289-52066-298.

**9003090518** Forwards Rev 0 to "Brunswick Unit 2, Cycle 9, Core Operating Limits Rept."  
LOFLIN, L.I. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 2pp. 52967-110-52967-126.

**-9003090519** Rev 0 to "Brunswick Unit 2, Cycle 9, Core Operating Limits Rept."  
KARCHER, K.E., DEVOE, M.J. Carolina Power & Light Co. 90/02/19. 15pp. 52967-112-52967-126.

**9003140289** Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re NRC team insps, INPO evaluations, insurer insps & EPA & OSHA insps.  
LOFLIN, L.I. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029-332-53029-341.

**9003220171** Forwards corrected Amend 171 to License DPR-62, consisting of revised Tech Spec Pages 2-5, B2-6, B2-7 & B2-8.  
E.N.B. Project Directorate II-1. 90/03/08. EURY, L.W. Carolina Power & Light Co. 2pp. 53123-109-53123-116.

**-9003220172** Corrected Tech Spec pages for Amend 171 to License DPR-62.  
\* NRC - No Detailed Affiliation Given. 90/03/08. 6pp. 53123-111-53123-116.

**9003220113** Confirms 900130 telcon re mgt meeting scheduled for 900329 to discuss status of integrated action plan.  
REYES, L.A. Region 2, Ofc of the Director. 90/03/08. EURY, L.W. Carolina Power & Light Co. 2pp. 53112-194-53112-195.

**9003220115** Forwards F Miraglia 900129 ltr to BWR Owners Group & SEI denying position on post-accident neutron monitoring sys. Schedule for implementation of neutron flux monitoring instrumentation remains open item.  
E.N.B. Project Directorate II-1. 90/03/08. EURY, L.W. Carolina Power & Light Co. 3pp. 53126-172-53126-180.

**9003210295** Application for amends to Licenses DPR-71 & DPR-62, to permit removal of rod sequence control sys & reduce rod worth minimizer cutoff setpoint to 10% rated thermal power.  
CUTTER, A.B. Carolina Power & Light Co. 90/03/14. Document Control Branch (Document Control Desk). 8pp. 53093-207-53093-252.

**-9003210297** Proposed Tech Specs, permitting removal of rod sequence control sys & reduce rod worth minimizer cutoff setpoint to 10% rated thermal power.  
\* Carolina Power & Light Co. 90/03/14. 38pp. 53093-215-53093-252.

**9003210355** Forwards control loop voltage drop calculation inadvertently omitted from 900313 ltr providing add info re ARI/RPT.  
LOFLIN, L.I. Carolina Power & Light Co. 90/03/16. Document Control Branch (Document Control Desk). 2pp. 53104-243-53104-244.

**9003220205** Application for amends to Licenses DPR-71 & DPR-62, revising Tech Spec 3.3.1, 3.3.5.7, Table 3.3.1.1 & 3.3.5.7.1, items 10 for Unit 2 & 5 for Units 1 & 2 Amend will resolve Tech Specs Interpretation 84-19 & 85-10.  
CUTTER, A.B. Carolina Power & Light Co. 90/03/15. Document Control Branch (Document Control Desk). 6pp. 53126-072-53126-082.



**9003220055** Forwards SIR 90-016, "Design Rept for Rectification Sys Repair & Flaw Evaluation Performed During Feb 1989 Refueling Outage at Brunswick Steam Plant Unit 2." LOFLIN, L.I. Carolina Power & Light Co. 90/03/16. Document Control Branch (Document Control Desk). 1p. 53112-325-53112-359.

**9003220057** "Design Rept for Rectification Sys Repair & Flaw Evaluation Performed During Feb 1989 Refueling Outage at Brunswick Steam Electric Plant Unit 2." GUSTIN, H.L., G'ANNUZZI, A.J., RICCARDELLA, P.C. Structural Integrity Associates. 90/03/01. 33pp. 53112-326-53112-358.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-068.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002260323** Forwards Insp Repts 50-324/89-44 & 50-325/89-44 on 891201-900105 & notice of violation. REYES, L.A. Region 2, Ofc of the Director. 90/02/02. EURY, L.W. Carolina Power & Light Co. 3pp. 52722-176-52722-200.

**9002260327** Notice of violation from insp on 891201-900105. Violations noted: research of plant drawings not completed for Clearance 1-002 for RCIC sys & info provided by licensee not accurate in all mail respects. REYES, L.A. Region 2, Ofc of the Director. 90/02/02. 2pp. 52722-179-52722-180.

**9002260328** Insp Repts 50-324/89-44 & 50-325/89-44 on 891201-900105. Violations noted: Major areas inspected: maint & surveillance observation, operational safety verification, onsite & in ofc LER review, facility mods & fitness for duty. RULAND, W.H., LEVINS, W., NELSON, D.J. Region 2, Ofc of the Director. 90/01/31. 18pp. 52722-181-52722-200.

**9003050084** Ack receipt of 900126 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-324/89-40 & 50-325/89-40. VERRELLI, D.M. Region 2, Ofc of the Director. 90/02/14. EURY, L.W. Carolina Power & Light Co. 2pp. 52823-013-52823-014.

**9003120054** Forwards Insp Repts 50-324/90-02 & 50-325/90-02 on 900106-31. Violations noted but will not be cited. VERRELLI, D.M. Region 2, Ofc of the Director. 90/02/16. EURY, L.W. Carolina Power & Light Co. 3pp. 52989-057-52989-088.

**9003120057** Insp Repts 50-324/90-02 & 50-325/90-02 on 900106-31. Violations noted re procedural adherence & personnel error due to lack of drawing clarity. Major areas inspected: ESF sys walkdown (Unit 1), LER review & TMI item III.D.3.4. RULAND, W.H., DANCE, H.C. Region 2, Ofc of the Director. 90/02/16. 23pp. 52989-080-52989-088.

**9002230352** Forwards safety evaluation concluding that procedures generation on package submitted by 830817 & 841031 ltr needs review to address programmatic improvements. Consideration of encl & Insp Repts 50-325/88-200 & 50-324/88-200 urged. LE, N.B. Project Directorate II-1. 90/02/20. EURY, L.W. Carolina Power & Light Co. 18pp. 52716-255-52716-272.

**9003050238** Forwards Exam Rept 50-325/OL-89-01 on 891127-1201 & summary of simulator performance deficiencies observed during conduct of simulator portion of operating exams for both units. PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/20. EURY, L.W. Carolina Power & Light Co. 2pp. 52855-118-52855-338.

**9003050239** Exam Rept 50-325/OL-89-01 on 891127-1201 for both units. Exam results: seven senior reactor operators & two reactor operators passed exams. Two reactor operators failed exam. MUNRO, J.F. Region 2, Ofc of the Director. 90/02/16. 18pp. 52855-118-52855-308.

**9003050241** Forwards comments for 891127 exam administered at plant. Deletion of Questions 2.01 & 5.06 recommended. STARKEY, R.B. Carolina Power & Light Co. 89/12/01. CASTO, C. Region 2, Ofc of the Director. 10pp. 52855-307-52855-318.

**9003050244** Rev 2 to Vol 21 of Abnormal Operating Procedure 23.0, "Condensate/Feedwater Sys Failure." With three oversize drawings. \* Carolina Power & Light Co. 89/05/14. 22pp. 52855-317-52855-338.

**9003190239** Forwards documentation re util IGSCC Insp results of Refueling Outage 8, including repair/mitigative actions taken as result of NUREG-0313, Rev 2. Rept on mechanical stress improvement process encl. Rept withheld. CUTTER, A.B. Carolina Power & Light Co. 90/02/21. Document Control Branch (Document Control Desk). 48pp. 53053-215-53053-262.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 8pp. 52776-262-52776-360.

**9002230283** NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/25. Consolidated Edison Co. of New York, Inc. 9pp. 52776-163-52776-261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp. 52844-001-52844-099.

**9003090073** Forwards supplemental response to violations noted in Insp Repts 50-324/89-26 & 50-325/89-26. Corrective actions: NCR S-89-089 initiated on F075 event & involved operations personnel counseled on events. HARNESS, J.L. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 3pp. 52950-287-52950-288.

**9003090169** Responds to NRC Bulletin 88-038, Suppl 3 re new valve & piping configuration which could result in thermal stresses. No piping sys. susceptible to condition described in bulletin identified at facilities. CUTTER, A.B. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52945-041-52945-041.

**9003090205** Forwards Insp Repts 50-324/90-04 & 50-325/90-04 on 900129-0202. No violations or deviations noted. JULIAN, C.A. Region 2, Ofc of the Director. 90/03/01. EURY, L.W. Carolina Power & Light Co. 3pp. 52926-130-52926-142.

**9003090211** Insp Repts 50-324/90-04 & 50-325/90-04 on 900129-0202. No violations or deviations noted. Major areas inspected: licensee corrective actions on previously identified enforcement matters, including pipe replacement & bulletins. ECONOMOS, N., CHOU, R.C., BLAKE, J.J. Region 2, Ofc of the Director. 90/02/28. 10pp. 52926-133-52926-142.

**9003090437** Revised response to NRC 890112 ltr re violations noted in Insp Repts 50-325/88-33 & 50-324/88-33. Corrective actions: task team established to develop definition of rework for site. HARNESS, J.L. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52973-071-52973-072.

**9003120794** Responds to violations noted in Insp Repts 50-324/89-44 & 50-325/89-44. Corrective actions: Administrative Instruction AI-58 revised to include requirements for separate R&D for clearances. HARNESS, J.L. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 5pp. 52974-078-52974-087.

**9003140289** Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re NRC team insps, INPO evaluations, insurer insps & EPA & OSHA insps. LOFLIN, L.I. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029-332-53029-341.

**9003200408** Forwards Insp Repts 50-324/90-05 & 50-325/90-05 on 900129-0202 & notice of violation. JULIAN, C.A. Region 2, Ofc of the Director. 90/03/02. EURY, L.W. Carolina Power & Light Co. 3pp. 53077-199-53077-213.

**9003200410** Notice of violation from insp on 900129-0202. Violations noted: Drawing 2-FP-50014, Sheet 4 not revised to show addition of Indicator 2-C32-PI-R805B to Unit 2 control boards & Drawing 0-FP-07917 not verified after rev. JULIAN, C.A. Region 2, Ofc of the Director. 90/03/02. 2pp. 53077-202-53077-203.

**9003200412** Insp Repts 50-324/90-05 & 50-325/90-05 on 900129-0202. Violations noted: Major areas inspected: licensee conformance to Reg Guide 1.97, "Instrumentation for Light Water Cooled Nuclear Power Plant to Assess Plant & Environs..." HUNT, M.D., MERRIWEATHER, N., CONLON, T.E. Region 2, Ofc of the Director. 90/02/26. 10pp. 53077-204-53077-213.

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844-100-52844-188.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870726). 90/03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52997-001-52997-034.

**9003010172** NRC Info Notice 90-016, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870726). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997-095-52997-189.

**9003010227** NRC Info Notice 90-018, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-238-52998-018.



3010233 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative Fasteners," Svc list encl.  
SSS/C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. cnsd dated Edison Co. of New York, Inc. 100pp. 52844:199-52844:298.

3020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Coposulcan Valves," Svc list encl.  
SSS/C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 consolidated Edison Co. of New York, Inc. 104pp. 52983:098-52983:199.

3220012 Forwards Insp Repts 50-324/90-08 & 50-325/90-08 on 900212-16 Violations noted but not cited.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/03/08. EURY,L.W. Carolina Power & Light Co. 3pp. 53112:241-53112:253

03220014 Insp Repts 50-324/90-08 & 50-325/90-08 on 900212-16 One noncited violation noted. Major areas inspected emergency preparedness, including review of emergency audit reports & changes to emergency organization.  
OODEN,A., RANKIN,W. Region 2, Ofc of the Director. 90/03/08. 9pp. 53112:245-53112:253.

3220149 Forwards Insp Repts 50-324/90-06 & 50-325/90-06 on 900129-0202 & vice of violation. Particular attention should be directed towards preventive aspects corrective actions & effectiveness of ALARA program.  
FOHR,J.P. Region 2, Ofc of the Director. 90/03/08. EURY,L.W. Carolina Power & Light Co. 3pp. 53126:097-53126:111.

03220152 Notice of violation from insp on 900129-0202 Violation noted high radiation areas unlocked & unattended w/no control over each entry.  
FOHR,J.P. Region 2, Ofc of the Director. 90/03/08. 2pp. 53126:100-53126:101.

3220155 Insp Repts 50-324/90-06 & 50-325/90-08 on 900129-0202. Violation noted Major areas inspected review of licensee organization & mgmt controls, external & internal exposure controls & transportation of radioactive material.  
FOHR,J.P. Region 2, Ofc of the Director. 90/03/08. 10pp. 53126:102-53126:111.

3050043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks," Svc list encl.  
SSS/C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. consolidated Edison Co. of New York, Inc. 100pp. 52963:200-52963:209.

3050148 NRC Bulletin 90-001, "Loss of Fire Oil in Transmitters Mfg by Rosemount," Svc list encl.  
SSS/C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. consolidated Edison Co. of New York, Inc. 109pp. 52963:300-52963:048.

1150443 Ack receipt of 900226 ltr & payment of civil penalty in amount of \$75,000.  
EBNETER,S.D. Ofc of Enforcement (Post 870413). 90/03/12. EURY,L.W. Carolina Power & Light Co. 1p. 53020:142-53020:142.

1080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Accumulation on Spray at PWR Facilities," Svc list encl.  
SSS/C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. consolidated Edison Co. of New York, Inc. 98pp. 52997:100-52997:287.

1130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box," Svc list encl.  
SSS/C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. consolidated Edison Co. of New York, Inc. 98pp. 53035:129-53035:226.

1160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators," Svc list encl.  
JENNINGS,M.R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. consolidated Edison Co. of New York, Inc. 91pp. 53166:057-53166:147.

1160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated," Svc list encl.  
SSS/C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. consolidated Edison Co. of New York, Inc. 100pp. 53132:001-53132:100.

1190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Isolation of Power to Rosemount Transmitter Trip Units," Svc list encl.  
SSS/C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. consolidated Edison Co. of New York, Inc. 102pp. 53165:007-53165:108.

#### periodic operating reports & related correspondence

1070090 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989," W/0223 ltr.  
HARNESS,J.L. Carolina Power & Light Co. 89/12/31. 80pp. 52880:150-52880:218.

1260066 Forwards monthly status rept on plant integrated action plan.  
"ARKEY,R.B. Carolina Power & Light Co. 90/01/30. EBNETER,S.D. Region 2, Ofc of the Director. 74pp. 52726:162-52726:235.

1140488 Monthly operating reports for Feb 1990 for Brunswick Steam Electric plants, Units 1 & 2. W/900305 ltr.  
JIMPLE,R., HARNESS,J.L. Carolina Power & Light Co. 90/02/28. 8pp. 53001:209-53001:306.

1220053 Forwards integrated action plan monthly status rept.  
"ARKEY,R.B. Carolina Power & Light Co. 90/03/02. EBNETER,S.D. Region 2, Ofc of the Director. 68pp. 53113:175-53113:249.

#### reportable occurrences, LERs & related correspondence

1260339 LER 89-001-05 on 880102, manual reactor protection sys trip initiated due decreasing condenser vacuum. Caused by numerous leaks on main turbine & main steam relief interconnecting piping. Sealing mail installed W/800219 ltr.  
JONES,T.M., HARNESS,J.L. Carolina Power & Light Co. 90/02/18. 10pp. 52713:208-52713:217.

9003080433 LER 89-013-01 on 880909, HPCI turbine auxiliary oil pump developed shaft seal leak of approx 1 gpm. Caused by failure of shaft seal. Root cause of seal failure initiated. Pump seal replaced W/900302 ltr.  
HARRIS,T., HARNESS,J.L. Carolina Power & Light Co. 90/03/02. 5pp. 52886:039-52886:043.

9003160328 LER 90-001-00 on 930210, determined that core spray loops A & B inoperable due to missed surveillance. Cause not stated. Investigation continuing. W/800309 ltr.  
JONES,T.M., HARNESS,J.L. Carolina Power & Light Co. 90/03/09. 2pp. 53013:057-53013:058.

#### V. Operator Examinations

9003050238 Forwards Exam Rept 50-325/OL-89-01 on 891127-1201 & summary of simulator performance deficiencies observed during conduct of simulator portion of operating exams for both units.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/20. EURY,L.W. Carolina Power & Light Co. 2pp. 52855:116-52855:338.

-9003050239 Exam Rept 50-325/OL-89-01 on 891127-1201 for both units. Exam results seven senior reactor operators & two reactor operators passed exams. Two reactor operators failed exam.  
MUNRO,J.F. Region 2, Ofc of the Director. 90/02/16. 189pp. 52855:118-52855:306.

-9003050241 Forwards comments for 891127 exam administered at plant. Deletion of Questions 2.01 & 5.06 recommended.  
STARKEY,R.B. Carolina Power & Light Co. 89/12/01. CASTO,C. Region 2, Ofc of the Director. 10pp. 52855:307-52855:316.

-9003050244 Rev 2 to Vol 21 of Abnormal Operating Procedure 23.0, "Condensate/Feedwater Sys Failure," W/three oversize drawings.  
Carolina Power & Light Co. 89/05/14. 22pp. 52855:317-52855:338.

9003020234 Advises that KE Enzor no longer requires senior operator license SOP-3255.5 due to reassignment of duties.  
STARKEY,R.B. Carolina Power & Light Co. 90/02/21. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52798:349-52798:349.

#### Y. Dry Cask Independent Spent Fuel Storage Installations

9003230212 Confirms 900404 visit to plant re environ review for ISFSI, per 900314 telcon.  
ROBERTS,J.P. Fuel Cycle Safety Branch. 90/03/20. EURY,L.W. Carolina Power & Light Co. 2pp. 53174:183-53174:184.

#### DOCKET 50-325 BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002260270 Forwards Rev 26 to Plant Emergency Procedure PEP-02.1, "Initial Emergency Actions," & Rev 29 to Vol XIII, Book 1, "Emergency Response Plan," effective page listing & Page 6-1.  
HARNESS,J.L. Carolina Power & Light Co. 90/02/12. EBNETER,S.D. Region 2, Ofc of the Director. 3pp. 52725:046-52725:060.

-9002260273 Rev 26 to Plant Emergency Procedure PEP-02.1, "Initial Emergency Actions,"  
MOYER,J. Carolina Power & Light Co. 90/01/30. 6pp. 52725:049-52725:058.

-9002260275 Rev 29 to Vol XIII, Book 1, "Emergency Response Plan," effective page listing & Page 6-1.  
MOYER,J. Carolina Power & Light Co. 90/01/30. 4pp. 52725:057-52725:060.

9003010329 Rev 29 to radio logical emergency plan effective page listing.  
Carolina Power & Light Co. 90/02/18. 3pp. 52815:313-52815:315.

9003130199 Advises that 900130 Rev 29 to emergency plan meets planning sids of 10CFR50.47(b) & requirements of App E to 10CFR50.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/02/23. EURY,L.W. Carolina Power & Light Co. 3pp. 52996:201-52996:203.

9003080151 Rev 5 to Plant Emergency Procedure PEP-03.8.2, "Personnel Accountability," W/900226 ltr.  
HARNESS,J.L. Carolina Power & Light Co. 90/02/26. EBNETER,S.D. Region 2, Ofc of the Director. 9pp. 52910:334-52910:342.

9003220012 Forwards Insp Repts 50-324/90-08 & 50-325/90-08 on 900212-16 Violations noted but not cited.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/03/08. EURY,L.W. Carolina Power & Light Co. 3pp. 53112:241-53112:253.

9003260268 Revised emergency procedures, including Rev 14 to PEP-02.6.3, Rev 6 to PEP-02.8.17 & Rev 2 to PEP-04.4. W/900319 ltr.  
MOYER,J., HARNESS,J.L. Carolina Power & Light Co. 90/03/19. EBNETER,S.D. Region 2, Ofc of the Director. 17pp. 53189:079-53189:095.

#### J. Insurance & Indemnity Information

9003140289 Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re NRC team insps, INPO evaluations, insurer insps & EPA & OSHA insps.  
LOFLIN,L.J. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029:332-53029:341.

## P. Operating license stage documents & correspondence

- 9002220480 Submits schedule for installing hardened wetwell vent, per Generic Ltr 89-18. Unit intends to perform hardened wetwell vent mods during second refueling outage after 891027 for each unit. Mods to Unit 1 may not be completed by 93101.
- LOFLIN, L.I. Carolina Power & Light Co. 90/02/08. Document Control Branch (Document Control Desk). 1p. 52704 029-52704 029
- 9002260339 Grants 900202 request for temporary waiver of compliance for Tech Specs associated w/lost Tech Spec interpretations resulting from inability to perform lateral requirements due to physical configuration of plant.
- HEHL, C.W. Assistant Director for Region II Reactors 90/02/14. EURY, L.W. Carolina Power & Light Co. 4pp. 52738 266-52738 269.
- 9002270032 Responds to request for additional info re primary containment isolation sys. Determined that RWCU line break bounded by existing generic high energy line break profiles used to qualify plant equipment.
- LOFLIN, L.I. Carolina Power & Light Co. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52749 111-52749 112.
- 9003070325 Forwards Amends 140 & 172 to Licenses DPR-71 & DPR-62, respectively & safety evaluation. Amends revise Tech Spec Section 3.4.4.6, "Pressure/Temperature Limits," to modify current wording & limiting conditions for operation.
- LE.N.B. Project Directorate II-1. 90/02/15. EURY, L.W. Carolina Power & Light Co. 4pp. 52888 219-52888 267.
- 9003070329 Amends 140 & 172 to Licenses DPR-71 & DPR-62, respectively, revising Tech Spec Section 3.4.4.6, "Pressure/Temperature Limits," to modify current wording/limiting conditions for operation & pressure/temperature limit curves for consistency.
- TOUR, G.N.Y.E.G. Project Directorate II-1. 90/02/15. 34pp. 52888 223-52888 256.
- 9003070335 Safety evaluation supporting Amends 140 & 172 to Licenses DPR-71 & DPR-62, respectively.
- \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/15. 11pp. 52888 257-52888 267.
- 9002270329 Application for amends to Licenses DPR-71 & DPR-62, removing 325 limit on extending surveillance intervals.
- CUTTER, A.B. Carolina Power & Light Co. 90/02/16. Document Control Branch (Document Control Desk). 5pp. 52753 030-52753 039.
- 9002280025 Proposed Tech Specs eliminating max combined interval time for any three consecutive surveillances.
- \* Carolina Power & Light Co. 90/02/16. 5pp. 52753 035-52753 039.
- 9002230088 Advises that 900128 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," acceptable.
- LE.N.B. Project Directorate II-1. 90/02/20. EURY, L.W. Carolina Power & Light Co. 3pp. 52715 073-52715 075.
- 9002230352 Forwards safety evaluation concluding that procedures generation package submitted by 830817 & 841031 ltrs needs review to address programmatic improvements. Consideration of encl & Insp Repts 50-325/88-200 & 50-324/88-200 urged.
- LE.N.B. Project Directorate II-1. 90/02/20. EURY, L.W. Carolina Power & Light Co. 18pp. 52716 255-52716 272.
- 9003060008 Forwards revised Tech Specs pages, incorporating Amends 130 & 160 to Licenses DPR-71 & DPR-62, respectively, re secondary containment instrumentation.
- LOFLIN, L.I. Carolina Power & Light Co. 90/02/23. Document Control Branch (Document Control Desk). 1p. 52838 181-52838 186.
- 9003060017 Tech Specs re secondary containment instrumentation.
- \* Carolina Power & Light Co. 90/02/23. 5pp. 52838 192-52838 198.
- 9003080503 Application for amends to Licenses DPR-71 & DPR-62, changing bases section of Tech Spec 3.4.8, "Electrical Power Sys," consisting of clarification of Surveillance Requirement 4.8.1.1.2 d 1 re emergency diesel generator during shutdown.
- LOFLIN, L.I. Carolina Power & Light Co. 90/02/23. Document Control Branch (Document Control Desk). 3pp. 52897 058-52897 062.
- 9003080504 Proposed Tech Specs changing bases section for Spec 3.4.8, "Electrical Power Sys," consisting of clarification of Surveillance Requirement 4.8.1.1.2 d 1 re emergency diesel generator during shutdown.
- \* Carolina Power & Light Co. 90/02/23. 2pp. 52897 081-52897 082.
- 9003050559 Confirms amount electronically transferred to US Dept of Treasury, NRC on 900223 for payment of NRC review fees of 10CFR50 applications & 10CFR55 svcs per 10CFR170, for period of 891011-0817 for listed invoices.
- LOFLIN, L.I. Carolina Power & Light Co. 90/02/26. Document Control Branch (Document Control Desk). 17pp. 52835 099-52835 115.
- 9003090511 Application for amends to Licenses DPR-62 & DPR-71, revising Tech Spec Section 3.7.1.2 to clarify & expand svc water pump operability requirements, thereby better reflecting plant design.
- CUTTER, A.B. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 7pp. 52968 282-52968 298.
- 9003090515 Proposed Tech Specs, revising Section 3.7.1.2 to clarify & expand svc water pump operability requirements, thereby better reflecting plant design.
- \* Carolina Power & Light Co. 90/02/28. 10pp. 52968 280-52968 298.
- 9003120747 Application for amend to License DPR-71, revising min critical power ratio safety limit specified in Tech Spec 2.1.2 from 1.04 to 1.07 for Cycle 8 operation & Tech Spec 6.3.1 reflecting new fuel type.
- CUTTER, A.B. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 7pp. 52974 070-52974 078.
- 9003120752 Proposed Tech Specs 2.1.2 & 5.3.1 re min critical power ratio & new fuel type.
- \* Carolina Power & Light Co. 90/02/28. 2pp. 52974 077-52974 078.
- 9003140289 Forwards response to Generic Ltr 89-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re NRC team insps, INPO evaluations, insurer insps & EPA & OSHA insps.
- LOFLIN, L.I. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029 332-53029 341.

9003220113 Confirms 900133 telcon re mgt meeting scheduled for 900329 to discuss status of integrated action plan.

REYES, L.A. Region 2, Oic of the Director. 90/03/08. EURY, L.W. Carolina Power & Light Co. 2pp. 53112 194-53112 195.

9003220115 Forwards F.M. Ragla 900129 ltr to BWR Owners Group & SEA denying position on post-accident neutron monitoring sys. Schedule for implementation of neutron flux monitoring instrumentation remains open item.

LE.N.B. Project Directorate II-1. 90/03/08. EURY, L.W. Carolina Power & Light Co. 3pp. 53126 172-53126 180.

9003210285 Application for amends to Licenses DPR-71 & DPR-62 to permit removal of rod sequence control sys & reduce rod worth minimizer cutoff setpoint to 10% rated thermal power.

CUTTER, A.B. Carolina Power & Light Co. 90/03/14. Document Control Branch (Document Control Desk). 8pp. 53093 207-53093 252.

9003210297 Proposed Tech Specs, permitting removal of rod sequence control sys & reduce rod worth minimizer cutoff setpoint to 10% rated thermal power.

\* Carolina Power & Light Co. 90/03/14. 36pp. 53093 215-53093 252.

9003210355 Forwards control loop voltage drop calculation inadvertently omitted from 900313 ltr providing additional info re ARI/RPT.

LOFLIN, L.I. Carolina Power & Light Co. 90/03/15. Document Control Branch (Document Control Desk). 2pp. 53104 243-53104 244.

9003220205 Application for amends to Licenses DPR-71 & DPR-62, revising Tech Spec 3.3.1.3.5.7, Table 3.3.1.1 & 3.3.5.7.1, Items 10 for Unit 2 & 5 for Units 1 & 2, Amend 11 resolve Tech Specs interpretation 48-19 & 85-10.

CUTTER, A.B. Carolina Power & Light Co. 90/03/15. Document Control Branch (Document Control Desk). 8pp. 53126 072-53126 082.

9003220206 Proposed Tech Specs, revising 3.3.1.3.5.7, Tables 3.3.1.1 & 3.3.5.7.1, Item 10 for Unit 2 to indicate channels per trip & Item 5 for Units 1 & 2, connecting min number & types of fire detectors required operable.

\* Carolina Power & Light Co. 90/03/15. 5pp. 53126 078-53126 082.

9003200205 Forwards safety evaluation rejecting rev to bases of Tech Spec (TS) 3.6.6.3 re drywell de-energizing interpretation of TS 3.6.6.3 not consistent w/SL guidance & proposal for inclusion of TS interpretation in TS bases not appropriate.

LE.N.B. Project Directorate II-1. 90/03/16. EURY, L.W. Carolina Power & Light Co. 2pp. 53075 057-53075 063.

9003200207 Safety evaluation denying rev to bases of Tech Spec 3.6.6.3 re drywell de-energizing.

\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/18. 5pp. 53075 059-53075 063.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.

PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Confidential. Edison Co. of New York, Inc. 55pp. 53195 014-53195 068.

## Q. Inspection reports, IE Bulletins & correspondence

9002260323 Forwards Insp Repts 50-324/89-44 & 50-325/89-44 on 891201-900105 & notice of violation.

REYES, L.A. Region 2, Oic of the Director. 90/02/02. EURY, L.W. Carolina Power & Light Co. 3pp. 52722 178-52722 200.

9002260327 Notice of violation from Insp on 891201-900105. Violations noted: research of plant drawings not completed for Clearance 1-002 for RCIC sys & info provided by licensee not accurate in all mail respects.

REYES, L.A. Region 2, Oic of the Director. 90/02/02. 2pp. 52722 179-52722 180.

9002260329 Insp Repts 50-324/89-44 & 50-325/89-44 on 891201-900105. Violations noted: Major areas inspected, maint & surveillance observation, operational safety verification, onsite & in loc LER review, facility mode & fitness for duty.

RULAND, W.H., LEVINS, W., NELSON, D.J. Region 2, Oic of the Director. 90/01/31. 18pp. 52722 181-52722 200.

9003050064 Ack receipt of 900128 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-324/89-44 & 50-325/89-44.

VERRELLI, D.M. Region 2, Oic of the Director. 90/02/14. EURY, L.W. Carolina Power & Light Co. 2pp. 52823 013-52823 014.

9003120054 Forwards Insp Repts 50-324/90-02 & 50-325/90-02 on 900106-31. Violations noted but will not be cited.

VERRELLI, D.M. Region 2, Oic of the Director. 90/02/16. EURY, L.W. Carolina Power & Light Co. 3pp. 52999 057-52999 088.

9003120057 Insp Repts 50-324/90-02 & 50-325/90-02 on 900106-31. Violations noted re procedural adherence & personnel error due to lack of drawing clarity. Major areas inspected: ESF sys walkdown (Unit 1), LER review & TMI item II.D.3.4.

RULAND, W.H., DANCE, H.C. Region 2, Oic of the Director. 90/02/16. 28pp. 52999 080-52999 088.

9002230352 Forwards safety evaluation concluding that procedures generation package submitted by 830817 & 841031 ltrs needs review to address programmatic improvements. Consideration of encl & Insp Repts 50-325/88-200 & 50-324/88-200 urged.

LE.N.B. Project Directorate II-1. 90/02/20. EURY, L.W. Carolina Power & Light Co. 18pp. 52716 255-52716 272.

9003050238 Forwards Exam Rept 50-325/OL-89-01 on 891127-1201 & summary of simulator performance deficiencies observed during conduct of simulator portion of operating exams for both units.

PEEBLES, T.A. Region 2, Oic of the Director. 90/02/20. EURY, L.W. Carolina Power & Light Co. 2pp. 52855 118-52855 338.

9003050239 Exam Rept 50-325/OL-89-01 on 891127-1201 for both units Exam results: seven senior reactor operators & two reactor operators passed exams. Two reactor operators failed exam.

MUNRO, J.F. Region 2, Oic of the Director. 90/02/18. 189pp. 52855 118-52855 306.

13050241 Forwards comments for 891127 exam administered at plant. DeBillion's actions 201 & 506 recommended  
ARKEY, R.B. Carolina Power & Light Co. 89/12/01. CASTO, C. Region 2, OIC of the Director. 10pp. 52855.307-52855.316

13050244 Rev 2 to Vol 21 of Abnormal Operating Procedure 23 Q. "Condensate/Scumwater Sys Failure." W/ three oversize drawings  
Carolina Power & Light Co. 89/05/14. 22pp. 52855.317-52855.338

180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inlet 600." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776.262-52776.360.

090084 Responds to NRC 900126 ltr forwarding notice of violation & proposed imposition of civil penalty in amount of \$75,000. Corrective actions review of historical water sys plant mods completed & Unit 2 cross-line valves replaced. Fee encl.  
RY, L.W. Carolina Power & Light Co. 90/02/26. OIC of Enforcement (Post 870413). 3p. 52947.020-52947.038

230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776.183-52776.261.

230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp. 52844.001-52844.089

390073 Forwards supplemental response to violations noted in Insp Repts 50-324/26 & 50-325/89-26. Corrective actions NCR S 89-089 initiated on F075 event & involved operations personnel counseled on events.  
RNESS, J.L. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 3pp. 52950.287-52950.289

390188 Responds to NRC Bulletin 88-008, Suppl 3 re new valve & piping configuration which could result in thermal stresses. No piping sys. susceptible to condition described in bulletin identified at facilities.  
TIER, A.B. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52945.041-52945.041

390205 Forwards Insp Repts 50-324/90-04 & 50-325/90-04 on 900129-0202 No actions or deviations noted.  
JAN, C.A. Region 2, OIC of the Director. 90/03/01. EURY, L.W. Carolina Power & Light Co. 3pp. 52926.130-52926.142

390211 Insp Repts 50-324/90-04 & 50-325/90-04 on 900129-0202. No violations noted. Major areas inspected. Licensee corrective actions on previously notified enforcement matters including pipe replacement & bulletins.  
ONOMOS, N., CHOU, R.C., BLAKE, J.J. Region 2, OIC of the Director. 90/02/28. 3p. 52926.133-52926.142

790437 Revised response to NRC 890112 ltr re violations noted in Insp Repts 50-328-33 & 50-324/89-33. Corrective actions task team established to develop definition of rework for site.  
RNESS, J.L. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52973.071-52973.072

120794 Responds to violations noted in Insp Repts 50-324/89-44 & 50-325/89-44. Corrective actions Administrative Instruction AI-58 revised to include requirements separate R&D for clearances.  
RNESS, J.L. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 5pp. 52974.079-52974.087

140289 Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re C team insps, INPO evaluations, insurer insps & EPA & OSHA insps.  
LIN, J.L. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029.332-53029.341

200408 Forwards Insp Repts 50-324/90-05 & 50-325/90-05 on 900129-0202 & ice of violation.  
JAN, C.A. Region 2, OIC of the Director. 90/03/02. EURY, L.W. Carolina Power & Light Co. 3pp. 53077.199-53077.213

3200410 Notice of violation from Insp on 900129-0202. Violations noted. Drawing 2-50014, Sheet 4 not revised to show addition of Indicator 2-C32-PI-R805B to Unit 2 control boards & Drawing 0-FP-07917 not verified after rev.  
JAN, C.A. Region 2, OIC of the Director. 90/03/02. 2pp. 53077.202-53077.203

3200412 Insp Repts 50-324/90-05 & 50-325/90-05 on 900129-0202. Violations noted. Major areas inspected. Licensee conformance to Reg Guide 1.97, "Instrumentation for Light Water Cooled Nuclear Power Plant to Assess Plant & Environment."  
NT, M.D., MERRIWEATHER, N., CONLON, T.E. Region 2, OIC of the Director. 90/26. 10pp. 53077.204-53077.213

790399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Analysis Logs." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 8pp. 52844.100-52844.188

890081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
NUNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52897.001-52897.094

110172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiological Control Directors Before Beginning Work in Agreement States." Svc list encl.  
NUNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 03/07. Consolidated Edison Co. of New York, Inc. 8pp. 52897.095-52897.189

110227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
GART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52987.288-52987.318

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199

9003220012 Forwards Insp Repts 50-324/90-08 & 50-325/90-08 on 900212-16. Violations noted but not cited.  
COLLINS, D.M. Region 2, OIC of the Director. 90/03/08. EURY, L.W. Carolina Power & Light Co. 3pp. 53112.241-53112.253

9003220014 Insp Repts 50-324/90-08 & 50-325/90-08 on 900212-16. One noncited violation noted. Major areas inspected. Emergency preparedness, including review of training and reports & changes to emergency organization.  
GOODE, A., RANKIN, W. Region 2, OIC of the Director. 90/03/06. 8pp. 53112.245-53112.253

9003220149 Forwards Insp Repts 50-324/90-06 & 50-325/90-06 on 900129-0202 & notice of violation. Particular attention should be directed towards preventive aspects of corrective actions & effectiveness of ALARA program.  
STOHR, J.P. Region 2, OIC of the Director. 90/03/08. EURY, L.W. Carolina Power & Light Co. 3pp. 53126.097-53126.111

9003220152 Notice of violation from Insp on 900129-0202. Violation noted. High radiation areas unlocked & unattended w/no control over each entry.  
STOHR, J.P. Region 2, OIC of the Director. 90/03/08. 2pp. 53126.100-53126.101

9003220155 Insp Repts 50-324/90-06 & 50-325/90-06 on 900129-0202. Violation noted. Major areas inspected. Review of licensee organization & mgmt controls, external & internal exposure controls & transport on radioactive mail.  
SHORTIDGE, R.G., WRIGHT, F.N., POTTER, J.P. Region 2, OIC of the Director. 90/03/06. 10pp. 53126.102-53126.111

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52863.200-52863.299

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52963.048

9003150443 Ack receipt of 900226 ltr & payment of civil penalty in amount of \$75,000.  
LIEBERMAN, J. OIC of Enforcement (Post 870413). 90/03/12. EURY, L.W. Carolina Power & Light Co. 1p. 53020.142-53020.142

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 8pp. 52897.190-52897.287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Blow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 8pp. 53035.129-53035.226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 01pp. 53168.057-53168.147

9003180308 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108

## R. Periodic operating reports & related correspondence

9003070090 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989." W/ 900223 ltr.  
HARNES, J.L. Carolina Power & Light Co. 89/12/31. 60pp. 52890.159-52890.218

9002260065 Forwards monthly status rept on plant integrated action plan.  
STARKEY, R.B. Carolina Power & Light Co. 90/01/30. EBNETER, S.D. Region 2, OIC of the Director. 74pp. 52726.162-52726.235

9003140468 Monthly operating repts for Feb 1990 for Brunswick Steam Electric Plants Units 1 & 2 W/900305 ltr.  
RUMPLE, R., HARNES, J.L. Carolina Power & Light Co. 90/02/28. 8pp. 53001.289-53001.308

9003220053 Forwards integrated action plan monthly status rept.  
STARKEY, R.B. Carolina Power & Light Co. 90/03/02. EBNETER, S.D. Region 2, OIC of the Director. 68pp. 53113.175-53113.249

## S. Reportable occurrences, LERs & related correspondence

9003060222 LER 89-026-01 on 891210, common emergency bus E3 unexpectedly deenergized, causing standby gas treatment sys isolation & reactor scram signal. Caused by procedural inadequacy. Isolation reset & power restored W/900216 ltr.  
HARRIS, T., HARNES, J.L. Carolina Power & Light Co. 90/02/16. 2pp. 52988.023-52988.024

PEEBLES, T.A. Region 2, Office of the Director 90/02/20 EURL, L.W. Carolina Power & Light Co. 2pp 52855 116 52855 338

-9003050239 Exam Rept: 50-325/CL-89-01 on 631127-1201 for both units. Exam results: seven senior reactor operators & two reactor operators passed exams. Two reactor operators failed exam. M/JNRD, J.F. Region 2, Office of the Director 90/02/16 18pp 52855 116-52855 306

-9003050241 Forwards comments for 631127 exam administered at plant. Deletion of Questions 201 & 506 recommended. STARKEY, R.B. Carolina Power & Light Co. 83/12/01 CASTOC Region 2, Office of the Director 10pp 52855 307-52855 316

-9003050244 Rev 2 to Vol 21 of Abnormal Operating Procedure 230, "Condensate Feedwater Sys Failure - W/irreversible drawings". \* Carolina Power & Light Co. 89/05/14 22pp 52855 317-52855 336

9003020234 Advises that KE Enzor no longer requires senior operator license SCP-325.5 due to reassignment of duties. STARKEY, R.B. Carolina Power & Light Co. 90/02/21 Office of Nuclear Reactor Regulation, Director (Post 870411) 1p 52798 349-52795 349

#### Y. Dry Cask Independent Spent Fuel Storage Installations

9003230212 Confirms 900404 visit to plant re environ review for ISFSI, per 900314 telcon. ROBERTS, J.P. Fuel Cycle Safety Branch 90/03/20 EURL, L.W. Carolina Power & Light Co. 2pp 53174 193-53174 194

#### DOCKET 50-328 UNIV. OF CALIFORNIA AT IRVINE REACTOR

##### F. Security, medical, emergency & fire protection plans

9003190041 Forwards Safeguards Insp Rept 50-326/90-01 on 900220-21. No violations noted. PATE, R.J. Region 5, Office of the Director 90/03/02 T-ENC California, Univ. of Irvine, CA 2pp 53050 290-53050 292

-9003190043 Partially withheld Insp Rept: 50-326/90-01 on 900220-21 (ref 10CFR2.790(d)). No noncompliance noted. Major areas inspected: plans, procedures & reviews, repts of safeguards events & fixed site physical protection of SNM. MCQUEEN, A.D. SCHUSTER, M.D. Region 5, Office of the Director 90/03/02 1p 53050 292-53050 292

##### Q. Inspection reports, IE Bulletins & correspondence

9003190041 Forwards Safeguards Insp Rept 50-326/90-01 on 900220-21. No violations noted. PATE, R.J. Region 5, Office of the Director 90/03/02 T-ENC California, Univ. of Irvine, CA 2pp 53050 290-53050 292

-9003190043 Partially withheld Insp Rept: 50-326/90-01 on 900220-21 (ref 10CFR2.790(d)). No noncompliance noted. Major areas inspected: plans, procedures & reviews, repts of safeguards events & fixed site physical protection of SNM. MCQUEEN, A.D. SCHUSTER, M.D. Region 5, Office of the Director 90/03/02 1p 53050 292-53050 292

##### S. Reportable occurrences, LERs & related correspondence

9003080489 PNO-V-90-008 on 900228, earthquake w/ Richter magnitude of 5.5 occurred near Upland, CA. San Onofre declared unusual event & conducted Insp Area research reactors shut down w/no damage resulting to facilities. WENSLAWSKI, F. Region 5, Office of the Director 90/03/01 2pp 52923 127-52923 128

9003070196 PNO-V-90-009 on 900302, earthquake occurred in southern California. Quake felt at plant but did not trigger recording instruments. No further licensee actions planned. Preliminary notification issued for info only. GARCIA, E. Region 5, Office of the Director 90/03/02 1p 52891 058-52891 058

#### DOCKET 50-327 SEQUOYAH NUCLEAR PLANT, UNIT 1

##### F. Security, medical, emergency & fire protection plans

9002270047 EP, P list of effective pages & implementing procedures index W/900216 ltr. RAY, M.J. Tennessee Valley Authority 90/02/16 6pp 52758 240-52758 247

9003130363 Supplies presentations from 900214 enforcement conference to discuss violations noted in Insp Rept 50-327/90-01 re actions to correct deadheading under certain plant conditions of RHR pump during two pump operation. MEDFORD, M.O. Tennessee Valley Authority 90/03/05 Document Control Branch (Document Control Desk) 12pp 52994 164-52994 175

9003200068 Forwards partially withheld Insp Repts 50-327/80-05 & 50-328/90-05 on 900130-0202. Violations noted. Requests action licensee plans to take re NRC concern re security of maint on security equipment. WILSON, B.A. Assistant Director for Inspection Programs 90/03/09 KINGSLEY, O.D. Tennessee Valley Authority 4pp 53071 127-53071 131

9003140372 Advises of senior mgrl changes PR Mandava resigned 900216 & position will remain vacant until replacement named. EG Wallace named manager for nuclear license mg & regulatory affairs. KINGSLEY, O.D. Tennessee Valley Authority 90/02/27 CRUTCHFIELD, D. Director of Reactor Projects - III, IV & Special Projects (Post 870411) 2pp 53000 299-53000 300

##### P. Operating license stage documents & correspondence

9003090111 Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear plants licensed by NRC. Meeting conducted biannually to focus resources on those plants & issues of greatest safety significance. STELLOV, O. Office of the Executive Director for Operations 89/05/28 KINGSLEY, O.D. Tennessee Valley Authority 4pp 52967 023-52967 026

9002140229 Provides updated response to Generic Ltr 83-28, Item 2.2.2. Guidelines submitted by T-RC 870211 ltr will be incorporated into corporate std for assurance by 900731. Document will describe TVA vendor manual control program. RAY, M.J. Tennessee Valley Authority 90/02/07 Document Control Branch (Document Control Desk) 3pp 52737 054-52737 056

9002260037 Provides written notification that nine commitments re Generic Ltr 88-14 complete per 900223 ltr. RAY, M.J. Tennessee Valley Authority 90/02/14 Document Control Branch (Document Control Desk) 4pp 52721 324-52721 327

9002260041 Forwards Rev 1 to PCD-D21, "Sequoyah Units 1 & 2 Spent Fuel Storage Rack Criticality Analysis". RAY, M.J. Tennessee Valley Authority 90/02/14 Document Control Branch (Document Control Desk) 3pp 52710 152-52710 184

-9002260049 Rev 1 to "Sequoyah Units 1 & 2 Spent Fuel Storage Rack Criticality Analysis". KEYS, T.A. MARTIN, Z.I. Tennessee Valley Authority PCD-D21 R01 90/02/05 3pp 52710 155-52710 184

9002270157 Forwards Rev 0 to "TVA Nuclear QA Plan," including all corrected & revised pages & changes made per 901003 meeting, various telcons & previous submittals. Plan will be implemented by 900630. RAY, M.J. Tennessee Valley Authority 90/02/15 Document Control Branch (Document Control Desk) 2pp 52756 198-52756 313

-9002270387 Rev 0 to "TVA Nuclear QA Plan". KINGSLEY, O.D. Tennessee Valley Authority 90/08/30 113pp 52756 200-52756 313

9002280526 Discusses plants design control program. Util adopted concept of design change implementation package (DCIP). DCIP will contain or ref design change notice prepared per approved procedures. MEDFORD, M.O. Tennessee Valley Authority 90/02/16 Document Control Branch (Document Control Desk) 2pp 52725 345-52725 346

9003060025 Forwards Amends 130 & 117 to Licenses DPR-77 & DPR-79, respectively & safety evaluation Amends modify Sections 1.0, "Definitions" & 3/4.6.1, "Primary Containment" of Tech Specs. BLACK, S. Assistant Director for Projects 90/02/16 KINGSLEY, O.D. Tennessee Valley Authority 3pp 52835 059-52835 079

-9003050026 Amends 130 & 117 to Licenses DPR-77 & DPR-79, respectively, modifying Sections 1.0, "Definitions" & 3/4.6.1, "Primary Containment" of Tech Specs. BLACK, S. Assistant Director for Projects 90/02/16 15pp 52835 062-52835 076

-9003050027 Safety evaluation supporting Amends 130 & 117 to Licenses DPR-77 & DPR-79, respectively. \* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/16 5pp 52835 077-52835 079

9002280291 Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 90-10, to revise Bases Section 3/4.7.1.2 re relationship between auxiliary air supply & operability of train of auxiliary feedwater. RAY, M.J. Tennessee Valley Authority 90/02/22 Document Control Branch (Document Control Desk) 3pp 52776 079-52776 089

-9002280293 Proposed Tech Specs, revising Bases Section 3/4.7.1.2 to clarify relationship between auxiliary air supply & operability of train of auxiliary feedwater. \* Tennessee Valley Authority 90/02/22 6pp 52776 082-52776 089

9003090308 Discusses commitment to notify NRC of significant deviations to corrective action plan resulting from employee concerns special program. Corrective action plan revised to provide means for long-term control of issues via new procedures. MEDFORD, M.O. Tennessee Valley Authority 90/02/26 Document Control Branch (Document Control Desk) 2pp 52968 093-52968 094

9003070222 ANALYSIS OF SHELL-RUPTURE FAILURE DUE TO HYPOTHETICAL ELEVATED TEMPERATURE PRESSURIZATION OF THE SEQUOYAH UNIT 1 STEEL CONTAINMENT BUILDING. MILLER, J.D. Sandia National Laboratories, FIN A-1401 NUREG/CR-5405 90/02/28 Division of Engineering (Post 870413) 100pp 52811 132-52811 231

**3050096** Final response to FOIA request App B & C records encl & available in DR App C records partially withheld & App D records completely withheld (ref FOIA requests 56 & 7).

**3050134** Division of Freedom of Information & Publications Services (Post 37025). 90/03/01. AIROZO.D. Inside NRC (McGraw-Hill Publication) 5pp 2782 207-52792 246.

**3050134** Partially withheld memo re investigation at plant Author satisfied that investigators appropriately dealt w/ allegations re util supervisory personnel. OSENTHAL.A.S. Atomic Safety and Licensing Appeal Panel 89/04/25 NRC - No stated Affiliation Given. 1p. 52792.244-52792.244.

**3050137** Advises that Commission accepted author recommendation that investigation be terminated on finding that no evidence of misconduct or dereliction of duty is Matter considered closed. OSENTHAL.A.S. Atomic Safety and Licensing Appeal Panel 89/04/24 Office of Investigations (Pre 880201) 2pp. 52792.245-52792.246

**3080253** Forwards repl re 6.9 kV diesel generators installed at plant No recorded fires noted in approx 55 starts per diesel generator Number of diesel generator starts reduced from approx 170 to 55 starts per yr. WALLACE.E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52858.119-52858.120.

**3090042** Submits addl info re Tech Spec Change 89-02 concerning RHR flow rate restrictions during Mode 5 operation Mode 5 flow generally maintained above min flow rate, which is now proposed as 2,000 gpm. WALLACE.E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52946.023-52946.024.

**3090117** Provides final rept for limited exploration program of ERCW roadway access cells & requests extension for completion of pumphouse foundation program. Calculation for foundation investigation of ERCW Roadway Access Cells A & encl. WALLACE.E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 3pp. 52950.137-52950.189

**3090207** "Foundation Investigation Evaluation of ERCW Roadway Access Cells A & B. JNER.M.A. Tennessee Valley Authority. SCGIS209 R03 90/01/03 50pp. 850:140-52950:189.

**3120776** Forwards proprietary & nonproprietary Topical Repts WCAP-12374 & CAP-12375, "Eagle 21 Microprocessor-Based Process Protection Sys." Application withholding proprietary rept encl WCAP-12374 withheld (ref 10CFR2.700). WALLACE.E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 3pp. 52973.203-52973.305.

**3120781** Forwards affidavit requesting that proprietary WCAP-12374, "Eagle 21 Microprocessor-Based Process Protection Sys" be withheld from public disclosure (ref 10CFR2.700). ESEMANN.R.A. Westinghouse Electric Corp. 89/08/21. MURLEY.T. Office of Nuclear Reactor Regulation, Director (Post 870411). 11pp. 52973.206-52973.216.

**3120784** Nonproprietary "Eagle-21 Microprocessor-Based Process Protection Sys." IN L.E. Westinghouse Electric Corp. WCAP-12376. 89/09/30. 89pp. 52973.217-52973.305.

**3140230** Forwards nonproprietary WCAP-12418 & proprietary WCAP-12417, ed an Signal Selector for Foxboro Series Process Instrumentation Application to lotion of Low ... Proprietary WCAP-12417 withheld (ref 10CFR2.700(b)(4)). WALLACE.E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 3pp. 53019.178-53019.213.

**3140233** Requests that encl proprietary WCAP-12417, "Med an Signal Selector for Foxboro Series Process Instrumentation," be withheld per 10CFR2.700(h)(4). ESEMANN.R.A. Westinghouse Electric Corp. 90/01/10. MURLEY.T. Office of Nuclear Reactor Regulation, Director (Post 870411). 9pp. 53019.181-53019.189.

**3140243** "Median Signal Selector for Foxboro Series Process Instrumentation" RMIGOS.J.F. Westinghouse Electric Corp. WCAP-12418. 89/10/31. 24pp. 319.190-53019.213.

**320692** Responds to SC Black 800129 ltr requesting info re compliance w/ 10CFR2.60. Util believes action necessary in interest of public safety & defensible under 10CFR2.60. KINGSLEY.O.D. Tennessee Valley Authority. 90/03/02. TAYLOR.J.M. Ofc of the Executive Director for Operations. 6pp. 52998.272-52998.277.

**330339** Forwards Amends 131 & 118 to Licenses DPR-77 & DPR-79, respectively safety evaluation Amends modify requirements on containment ice condenser in facilities Tech Specs. ACK.S. Assistant Director for Projects. 90/03/02. KINGSLEY.O.D. Tennessee Valley Authority. 3pp. 53067.241-53067.265.

**3190342** Amends 131 & 118 to Licenses DPR-77 & DPR-79, respectively, modifying requirements on containment ice condenser in facilities Tech Specs. ACK.S. Assistant Director for Projects. 90/03/02. 17pp. 53067.244-53067.260.

**3190344** Safety evaluation supporting Amends 131 & 118 to Licenses DPR-77 & R-79, respectively. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/02 5pp. 187.201-53067.265.

**330387** Advises of compliance w/10CFR50.46(a)(1) upon startup from Cycle 4 re-igniting outage for plant & that ECCS evaluation will be valid upon completion of mode isolated w/upper head injection removal. WALLACE.E.G. Tennessee Valley Authority. 90/03/05. Document Control Branch (Document Control Desk). 2pp. 53015.082-53015.083.

**330389** Forwards addl info to support util request for relief from ASME Section XI de Case N-416 re hydrostatic pressure test requirements, consisting of alternative testing Class 2 piping following repair or replacement. WALLACE.E.G. Tennessee Valley Authority. 90/03/05. Document Control Branch (Document Control Desk). 3pp. 52894.218-52894.220.

**9003150486** Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change Request 90-03, implementing NRC recommended alternatives for radiological effluent Tech Specs as contained in Generic Ltr 89-01. WALLACE.E.G. Tennessee Valley Authority. 90/03/09. Document Control Branch (Document Control Desk). 2pp. 53031.127-53032.107.

**-9003150467** Proposed Tech Specs implementing NRC recommended alternatives for radiological effluent Tech Specs as contained in Generic Ltr 89-01. \* Tennessee Valley Authority. 90/03/09. 147pp. 53031.131-53031.277.

**-9003190135** Rev 24 to "ODCM" \* Tennessee Valley Authority. 90/02/27 169pp. 53031.278-53032.086.

**-9003190141** Rev 0 to "Process Control Program" \* Tennessee Valley Authority. 90/03/02. 21pp. 53032.087-53032.107.

**9003160217** Forwards Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description." WALLACE.E.G. Tennessee Valley Authority. 90/03/09. Document Control Branch (Document Control Desk). 5pp. 53039.161-53039.223.

**-9003160379** Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description." \* Tennessee Valley Authority. TVA-NPOD89 R01. 90/03/01. 57pp. 53039.166-53039.223.

**9003160407** Forwards status & results of performance improvement at plant Util working towards achieving sustained excellence through conduct of performance evaluations, improving employee communications & establishing goals & objectives. KINGSLEY.O.D. Tennessee Valley Authority. 90/03/12. Document Control Branch (Document Control Desk). 23pp. 53036.001-53036.023.

**9003220297** Forwards Rev 2 to TVA Calculation SQN-SQS2-0097, "Probabilistic Analysis Showing Effects of Deleting RHR Autoclosure Interlock." WALLACE.E.G. Tennessee Valley Authority. 90/03/15. Document Control Branch (Document Control Desk). 3pp. 53123.309-53124.050.

**-9003220300** Rev 2 to TVA Calculation SQN-SQS2-0097, "Probabilistic Analysis Showing Effects of Deleting RHR Autoclosure Interlock." \* Tennessee Valley Authority. 90/02/20. 99pp. 53123.312-53124.050.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of stall position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW.J.G. Associate Director for Projects (Post 870411). 80/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### Q. Inspection reports, IE Bulletins & correspondence

**9003050001** Forwards Insp Repts 50-327/89-28 & 50-328/89-28 on 891113-17. Violations noted but not cited. WILSON.B.A. Assistant Director for Inspection Programs. 90/01/29. KINGSLEY.O.D. Tennessee Valley Authority. 3pp. 52824.005-52824.021.

**-9003050002** Insp Repts 50-327/89-28 & 50-328/89-28 on 891113-17. Violation noted re failure to source check effluent gas monitors per Tech Specs Major areas inspected radiological effluents & waste treatment, water chemistry & QA. MARSTON.R.N., DECKER.T.R. Region 2, Ofc of the Director. 90/01/26. 14pp. 52824.008-52824.021.

**9002260248** Forwards Special Insp Repts 50-327/90-01 & 50-328/90-01 on 900108-12 & notice of violation Enforcement conference scheduled for 900214 to discuss two addl apparent violations. WILSON.B.A. Assistant Director for Inspection Programs. 90/02/07. KINGSLEY.O.D. Tennessee Valley Authority. 3pp. 52726.054-52726.086.

**-9002260251** Notice of violation from Insp on 900108-12 Violation noted: licensee failed to perform adequate design change for refueling water storage tank level transmitters & failed to perform safety evaluation per 10CFR50.59 for design change. WILSON.B.A. Assistant Director for Inspection Programs. 90/02/07. 2pp. 52726.057-52726.058.

**-9002260255** Special Insp Repts 50-328/90-01 & 50-328/90-01 on 900108-12. Violations noted Major areas inspected licensee look back program to verify that scope of program adequate & conclusions valid. HAFMON.P., WATSON.L.J. Region 2, Ofc of the Director. 90/02/07. 28pp. 52726.059-52726.086.

**9002260350** Forwards safety evaluation accepting util 880301-0802, 880705 & 900124 responses to NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." BLACK.S. Assistant Director for Projects. 90/02/15. KINGSLEY.O.D. Tennessee Valley Authority. 2pp. 52738.192-52738.226.

**-9002260353** SER accepting util 880301-0802, 880705 & 900124 responses to IE Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/15. 3pp. 52738.194-52738.196.

**-9002260544** SER accepting util responses to NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." \* NRC - No Detailed Affiliation Given. 90/02/16. 29pp. 52738.197-52738.225.

**9003060036** Forwards Insp Repts 50-327/90-04 & 50-328/90-04 on 900122-26 Violation noted, but not cited. WILSON.B.A. Assistant Director for Inspection Programs. 90/02/16. KINGSLEY.O.D. Tennessee Valley Authority. 3pp. 52825.288-52825.298.

**-9003060037** Insp Repts 50-327/90-04 & 50-328/90-04 on 900122-26. No violations noted. Major areas inspected radiation protection program & pre-outage activities for radiation protection program Licensee identified violation cited. COLLINS.T.R., POTTER.J.P. Region 2, Ofc of the Director. 90/02/14. 8pp. 52825.291-52825.298.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776-262-52776-360.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Sealed Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776-163-52776-261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52844-001-52844-093.

9003090241 Responds to NRC 900130 & 0207 ltr re violations noted in Insp Repts 50-327/89-28, 50-328/89-29, 50-327/90-01 & 50-328/90-01. Corrective actions might orders issued to ensure adequate refueling water storage tank water levels.  
MEDFORD,M.O. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 7pp. 52926-195-52926-201.

9003090325 Supp's 871229 & 890214 responses to violations noted in Insp Rept 50-327/87-48 & 50-328/87-48. Corrective actions Unit 1 spool pieces & common spool pieces will be installed to ensure proper (1) up by end of Cycle 7 refueling outage.  
WALLACE,E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 5pp. 52967-202-52967-208.

9003120703 Responds to NRC 890509 ltr re violations noted in Insp Repts 50-327/89-09 & 50-328/89-09. Corrective actions summary list of subvendor publications in Westinghouse vendor technical manual compiled & vendors contacted for verification.  
MEDFORD,M.O. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 3pp. 52969-316-52969-318.

9003140400 Confirms 900302 telcon re 900201 notice of violation. Period for response to notice of violation extended until NRC takes action on 900212 request for repl.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 53000-279-53000-280.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844-100-52844-198.

9003130383 Supp's w/ presentations from 900214 enforcement conference to discuss violations noted in Insp Rept 50-327/90-01 re actions to correct deadheading under certain plant conditions of RHR pump during two pump operation.  
MEDFORD,M.O. Tennessee Valley Authority. 90/03/05. Document Control Branch (Document Control Desk). 12pp. 52994-164-52994-175.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52997-001-52997-084.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997-095-52997-189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997-288-52998-018.

9003010293 Supp'l 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 10pp. 52844-199-52844-288.

9003150312 Forwards redacted investigation Rept 2-88-015 & extends requested 30-day response time by add'l 30 days from ltr date to allow review & respond as appropriate per unit 900212 request.  
CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101-900602). 90/03/07. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 53033-111-53033-112.

9003150359 Redacted investigation Rept 2-88-015 re alleged mail false statement by two senior TVA managers. Investigation determined that TVA general counsel intentionally misled NRC re TVA handling of Energy Reorganization Act complaints.  
NORTON,L.J., HAYES,B.B. Oic of Investigations (Post 880201). 88/04/14. 695pp. 53033-113-53033-087.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 10pp. 52963-096-52963-199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 10pp. 52963-200-52963-299.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 10pp. 52963-300-52963-048.

9003200066 Forwards partially withheld Insp Repts 50-327/90-05 & 50-328/90-05 on 900130-0202. Violations noted Requests include licensee plans to take re NRC concern re security of main on security equipment.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/03/09. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 53071-127-53071-131.

9003200089 Partially withheld Insp Repts 50-327/90-05 & 50-328/90-05 on 900130-0202. Violations noted Major areas inspected: routine, unannounced Insp of licensee physical security program of power reactors including plans, audits & maint.  
TOBIN,W.J., MCGUIRE,D.R. Region 2, Oic of the Director. 90/02/22. 1p. 53071-131-53071-131.

9003160260 Proposes rev in implementation schedule for molded case circuit breaker replacement per NRC Bulletin 88-010. Replacement of first half of breakers will be completed 60 days after restart from Unit 1 Cycle 4 refueling outage.  
MEDFORD,M.O. Tennessee Valley Authority. 90/03/12. Document Control Branch (Document Control Desk). 3pp. 53036-131-53036-133.

9003210145 Forwards Insp Repts 50-327/90-02 & 50-328/90-02 on 900122-26 & notice of violation.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/03/12. KINGSLEY,O.D. Tennessee Valley Authority. 4pp. 53132-166-53132-187.

9003210146 Notice of violation from Insp on 900122-26 Violation noted failure to develop technical justification for adding 8.2 KW of load to emergency diesel generators through documented calculation.  
WILSON,B.A. Assistant Director for Inspection Programs. 90/03/12. 2pp. 53132-173-53132-171.

9003210148 Insp Repts 50-327/90-02 & 50-328/90-02 on 900122-26 Violations noted Major areas inspected design changes & mods, procurement & licensee action on previously identified findings.  
JAFEE,F., PEEBLEST, Region 2, Oic of the Director. 90/03/09. 16pp. 53132-172-53132-187.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 9pp. 52997-180-52997-287.

9003210171 Forwards Insp Repts 50-327/90-03 & 50-328/90-03 on 900105-0205 Violations noted.  
WILSON,B.A. Region 2, Oic of the Director. 90/03/14. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 53093-167-53093-190.

9003210179 Insp Repts 50-327/90-03 & 50-328/90-03 on 900105-0205 No violations noted Major areas inspected operational safety verification, maintenance observations, surveillance testing observations, review of Insp findings & follow-up of events.  
JEHNSON,K., WATSON,L.J. Region 2, Oic of the Director. 90/03/14. 22pp. 53093-169-53093-190.

9003220303 Submits revised response to NRC Bulletin 88-004 re potential safety-related pump loss. Motor-driven auxiliary feedwater pumps have been revised to include add'l info describing operations of pumps & description of full-flow test program.  
WALLACE,E.G. Tennessee Valley Authority. 90/03/15. Document Control Branch (Document Control Desk). 7pp. 53145-205-53145-211.

9003280117 Provides revised corrective action plan intended to refine plan to accomplish more effective documentation of training by placing responsibility on supervisor/manager in nuclear engineering.  
MEDFORD,M.O. Tennessee Valley Authority. 90/03/16. Document Control Branch (Document Control Desk). 5pp. 53190-153-53190-157.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Block." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 9pp. 53035-129-53035-228.

9003260252 Provides add'l rev to Unit 890411 response to NRC Bulletin 88-010, "Non-conforming Molded-Case Circuit Breakers." Unit proposes no further review to identify direct-charge breakers procured between Aug 1983 - Dec 1984.  
WALLACE,E.G. Tennessee Valley Authority. 90/03/20. Document Control Branch (Document Control Desk). 22pp. 53147-210-53147-231.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Redwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 9pp. 53166-057-53166-147.

9003180308 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 10pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 10pp. 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

9003090292 "1989 Annual Operating Rept for Sequoyah Nuclear Plant." W/ 900301 "WALLACE,E.G. Tennessee Valley Authority. 89/12/31. 65pp. 52968-008-52968-072.

9003010065 Forwards monthly operating repts for Jan 1990 & Dec 1989 for Sequoyah Nuclear Plant Units 1 & 2.  
RAY,M.L. Tennessee Valley Authority. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52781-267-52781-268.

9003010073 Monthly operating repts for Jan 1990 for Sequoyah Nuclear Plant Units 1 & 2.  
HOLLOMON,T.J. Tennessee Valley Authority. 90/01/31. 8pp. 52781-269-52781-278.

9003010079 Monthly operating repts for Dec 1989 for Sequoyah Nuclear Plant Units 1 & 2.  
SIMS,R.G. Tennessee Valley Authority. 89/12/31. 10pp. 52781-277-52781-286.

9003080245 Forwards supplemental info to "Effluent & Waste Disposal Semiannual Rept for Second Half 1989" & "Radiological Impact Assessment Rept for 1989."  
WALLACE,E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52858-164-52858-035.

9003080248 Supplemental "Effluent & Waste Disposal Semiannual Rept for Second Half 1989."  
Tennessee Valley Authority. 89/12/31. 32pp. 52858-166-52858-353.

## Reportable occurrences, LERs & related correspondence

02220500 Special Rept 90-01 on 900126, Limiting Condition for Operation 3 7 1 1 entered when two fire suppression water strainers removed from svc during planned outage. Strainers cleaned & repaired & pressure control valve returned to svc RAY, M. Tennessee Valley Authority 90/02/09. Document Control Branch (Document Control Desk). 2pp 52703-348-52703-349

02220665 Special Rept 90-02 on 900126, electrical cables to ensure RCS shutdown path exists did not meet separation requirements in two plant locations. Caused by deficiencies in development of App R sketch drawings. Roving fire watches established RAY, M. Tennessee Valley Authority 90/02/09. Document Control Branch (Document Control Desk). 4pp 52713-225-52713-228

03020075 Part 21 reprint ABB 27/59 Relay Catalog Series 211t. Solder connections to printed wiring runs on bottom of circuit board deteriorated due to thermal stress. No actual failure occurred & relays to be changed at next outage KAISER, A.F. ASEA Brown Boveri, Inc. 90/02/22 BERLINGER, C. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp 52798-341-52798-343

03070020 Part 21 reprint solder connections in ABB 27/59 relays deteriorated due to thermal stress, causing bonding of printed wiring pattern to glass epoxy circuit board. Interim circuit board w/ larger pads & higher voltage will be used. KAISER, A.F. ASEA Atom, Inc. 90/02/22 BERLINGER, C. Generic Communications Branch 3pp 52888-207-52888-209

03070354 LER 90-002-00 on 900127, control room isolation occurred when circuit breaker opened supplying power to radiation monitor. Caused by failure by personnel to exercise sufficient caution. Responsible engineers restricted W/900226 Itr. HIPP, G. BYNUM, J.R. Tennessee Valley Authority 90/02/20 5pp 52845-202-52845-206

03070300 LER 89-031-01 on 891205, RHR pumps determined to have deadheading problem identified by NRC Bulletin 88-004. Caused by inadequate technical response to bulletin. Training Itr issued to 10CFR50.59 reviewers W/900301 Itr. PROFFITT, J.W. BYNUM, J.R. Tennessee Valley Authority 90/03/01 12pp 52895-059-52895-070

03080124 Special Rept 90-03 on 900121, trouble alarm on fire protection panel O-L-530 observed. Caused by malfunction of fire detector in Fire Zone 353 located in lower compartment of Unit 2 containment. Work request initiated WALLACE, E.G. Tennessee Valley Authority 90/03/01 Document Control Branch (Document Control Desk). 3pp 52894-059-52894-081

## JACKET 50-328 SEQUOYAH NUCLEAR PLANT, UNIT 2

### Security, medical, emergency & fire protection plans

02270047 EPIP list of effective pages & implementing procedures index W/900216 Itr RAY, M. J. Tennessee Valley Authority 90/02/16 8pp 52758-240-52758-247

03020066 Forwards partially withheld Insp Repts 50-327/90-05 & 50-328/90-05 on 900130-0202. Violations noted. Requests action licensee plans to take re NRC concern re security of maintenance equipment WILSON, B.A. Assistant Director for Inspection Programs 90/03/09 KINGSLEY, O.D. Tennessee Valley Authority 4pp 53071-127-53071-131

03030069 Partially withheld Insp Repts 50-327/90-05 & 50-328/90-05 on 900130-0202. Violations noted. Major areas inspected routine, unannounced Insp of licensee physical security program of power reactors including plans, audits & maint. TOB, N.W. J. Region 2, Ofc of the Director 90/02/22 1p 53071-131-53071-131

### General correspondence

03050329 Advises that prior notification of permanent changes to utility organization & senior managers no longer required. Decision based on NRC acceptance of corporate performance plan in SER (Vol 1 to NUREG-1232) CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/02/26. KINGSLEY, O.D. Tennessee Valley Authority 4pp 52825-164-52825-167

03140372 Advises of senior mgt changes. PR Mandava resigned 900216 & position will remain vacant until replacement named. EG Wallace named manager for nuclear licensing & regulatory affairs. KINGSLEY, O.D. Tennessee Valley Authority 90/02/27. CRUTCHFIELD, D. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411). 2pp 53000-299-53000-300

### Operating licensee stage documents & correspondence

03090111 Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear plants licensed by NRC. Meeting conducted biannually to focus resources on those plants & issues of greatest safety significance. STELLO, V. Ofc of the Executive Director for Operations 89/05/26. KINGSLEY, O.D. Tennessee Valley Authority 4pp 52867-023-52867-026

03140229 Provides updated response to Generic Ltr 83-28, Item 2.2.2. Guidance submitted by NRC 870211 Itr will be incorporated into corporate std for issuance by 900731. Document will describe TVA vendor manual control program. RAY, M. J. Tennessee Valley Authority 90/02/07. Document Control Branch (Document Control Desk). 3pp 52737-054-52737-056

03220401 Forwards final rept, "Reactor Vessel Melt Surveillance Program for Sequoyah Unit 2 Analysis of Capsule U." Measured fueling rates for Cycle 3 approx 38% lower than fueling rates reported for Cycles 1 & 2. RAY, M. J. Tennessee Valley Authority 90/02/12. Document Control Branch (Document Control Desk). 3pp 52714-013-52714-126

900220402 Final rept "Reactor Vessel Melt Surveillance Program for Sequoyah Unit 2 Analysis of Capsule U." CROSS, B. T. Tennessee Valley Authority 90/01/31. 102pp 52714-016-52714-126

9002280037 Provides written notification that nine commitments re Generic Ltr 88-14 complete per ut. 890223 Itr. RAY, M. J. Tennessee Valley Authority 90/02/14 Document Control Branch (Document Control Desk). 4pp 52721-324-52721-327

9002280041 Forwards Rev 1 to PCD-D21, "Sequoyah Units 1 & 2 Spent Fuel Storage Rack Criticality Analysis" RAY, M. J. Tennessee Valley Authority 90/02/14 Document Control Branch (Document Control Desk). 3pp 52710-152-52710-184

9002280049 Rev 1 to "Sequoyah Units 1 & 2 Spent Fuel Storage Rack Criticality Analysis" KEYS, T. A. MARTIN, Z. I. Tennessee Valley Authority. PCD-D21 R01. 90/02/05. 30pp 52710-155-52710-184

9002270157 Forwards Rev 0 to "TVA Nuclear OA Plan," including all corrected & revised pages & changes made per 891003 meeting various icons & previous submittals. Plan will be implemented by 900330 RAY, M. J. Tennessee Valley Authority 90/02/15 Document Control Branch (Document Control Desk). 2pp 52756-198-52756-313

9002270367 Rev 0 to "TVA Nuclear OA Plan" KINGSLEY, O. D. Tennessee Valley Authority 90/06/30 113pp 52756-203-52756-313

9002280526 Discusses plants design control program. UH adopted concept of design change implementation package (DCIP). DCIP will contain or refer design change not to be prepared per approved procedures. MEDFORD, M. O. Tennessee Valley Authority 90/02/16 Document Control Branch (Document Control Desk). 2pp 52725-345-52725-346

9003050025 Forwards Amendments 130 & 117 to Licenses DPR-77 & DPR-79, respectively & safety evaluation. Amends modify Sections 1.0, "Definitions" & 3/4.6.1, "Primary Containment" of Tech Specs. BLACK, S. Assistant Director for Projects 90/02/16 KINGSLEY, O. D. Tennessee Valley Authority 3pp 52835-059-52835-079

9003050026 Amends 130 & 117 to Licenses DPR-77 & DPR-79, respectively, modifying Sections 1.0, "Definitions" & 3/4.6.1, "Primary Containment" of Tech Specs. BLACK, S. Assistant Director for Projects 90/02/16 15pp 52835-062-52835-076

9003050027 Safety evaluation supporting Amends 130 & 117 to Licenses DPR-77 & DPR-79, respectively. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/16 3pp 52792-077-52792-079

9002280281 Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change 90-10, to revise Basis Section 3/4.7.1.2 re relationship between auxiliary air supply & operability of train of auxiliary feedwater. RAY, M. J. Tennessee Valley Authority 90/02/22 Document Control Branch (Document Control Desk). 3pp 52776-070-52776-089

9002280293 Proposed Tech Specs, revising Basis Section 3/4.7.1.2 to clarify relationship between auxiliary air supply & operability of train of auxiliary feedwater. Tennessee Valley Authority 90/02/22 8pp 52776-082-52776-089

9003090306 Discusses commitment to notify NRC of significant deviations to corrective action plan resulting from employee concerns special program. Corrective action plan revised to provide means for long-term control of issues via new procedures. MEDFORD, M. O. Tennessee Valley Authority 90/02/26 Document Control Branch (Document Control Desk). 2pp 52908-093-52908-094

9003050066 Final response to FOIA request App B & C records encl & available in PDR App C records partially withheld & App D records completely withheld (rel FOIA exemptions 5.6 & 7). GRIMSLEY, D. H. Division of Freedom of Information & Publications Services (Post 890205). 90/03/01. AIROZO, D. Inside NRC. (McGraw-Hill Publication) 5pp 52792-207-52792-246

9003050134 Partially withheld memo re investigation at plant. Author satisfied that investigators appropriately dealt w/ allegations re unit supervisory personnel. ROSENTHAL, A. S. Atomic Safety and Licensing Appeal Panel 89/04/25. NRC - No Detailed Affiliation Given. 1p 52792-244-52792-244

9003050137 Advises that Commission accepted author recommendation that investigation be terminated on finding that no evidence of misconduct or dereliction of duty exists. Matter considered closed. ROSENTHAL, A. S. Atomic Safety and Licensing Appeal Panel 89/04/24. Office of Investigations (Pro 880201). 2pp 52792-245-52792-246

9003080253 Forwards rept re 6.9-kV diesel generators installed at plant. No recorded failures noted in approx 55 starts per diesel generator. Number of diesel generator starts reduced from approx 170 to 55 starts per yr. WALLACE, E. G. Tennessee Valley Authority 90/03/01. Document Control Branch (Document Control Desk). 2pp 52858-110-52858-120

9003090042 Submits add info re Tech Spec Change 89-02 concerning RHR flow rate restrictions during Mode 5 operation. Mode 5 flow generally maintained above min flow rate, which is now proposed as 2,000 gpm. WALLACE, E. G. Tennessee Valley Authority 90/03/01. Document Control Branch (Document Control Desk). 2pp 52846-023-52846-024

9003090117 Provides final rept for limited exploration program of ERCW roadway access cells & requests extension for completion of pumphouse foundation program. Calculation for foundation investigation of ERCW Roadway Access Cells A & B encl. WALLACE, E. G. Tennessee Valley Authority 90/03/01. Document Control Branch (Document Control Desk). 3pp 52950-137-52950-188

9003090207 "Foundation Investigation Evaluation of ERCW Roadway Access Cells A & B." CONER, M. A. Tennessee Valley Authority. SCG1S289 R00. 90/01/03. 60pp 52950-140-52950-189



9003120776 Forwards proprietary & nonproprietary Topical Repts WCAP-12374 & WCAP-12375, "Eagle 21 Microprocessor-Based Process Protection Sys" Application for withholding proprietary rept and WCAP-12374 withheld (ref 10CFR2 790) WALLACE,E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 3pp. 52973 203-52973 305.

9003120781 Forwards affidavit requesting that proprietary WCAP-12374, "Eagle 21 Microprocessor-Based Process Protection Sys" be withheld from public disclosure (ref 10CFR2 790). WIESEMAN,R.A. Westinghouse Electric Corp. 89/09/21. MURLEY,T. Office of Nuclear Reactor Regulation, Director (Post 870411). 11pp. 52973 206-52973 216.

9003120784 Nonproprietary "Eagle-21 Microprocessor-Based Process Protection Sys." ERIN,L.E. Westinghouse Electric Corp. WCAP-12375. 89/09/30. 8pp. 52973 217-52973 305.

9003140230 Forwards nonproprietary WCAP-12418 & proprietary WCAP-12417, "Med an Signal Selector for Foxboro Series Process Instrumentation Application to Deletion of Low ...". Proprietary WCAP-12417 withheld (ref 10CFR2 790(b)(4)). WALLACE,E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 3pp. 53019:178-53019 213.

9003120692 Responds to SC Black 900129 ltr requesting info re compliance w/ 10CFR28. Util believes action necessary in interest of public safety & defense under law. KINGSLEY,O.D. Tennessee Valley Authority. 90/03/02. TAYLOR,J.M. Ofc of the Executive Director for Operations. 6pp. 52998 272-52998 277.

9003190339 Forwards Amends 131 & 118 to Licenses DPR-77 & DPR-79, respectively & safety evaluation Amends modify requirements on containment ice condenser in facilities Tech Specs. BLACK,S. Assistant Director for Projects. 90/03/02. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 53067:241-53067 265.

9003190342 Amends 131 & 118 to Licenses DPR-77 & DPR-79, respectively, modifying requirements on containment ice condenser in facilities Tech Specs. BLACK,S. Assistant Director for Projects. 90/03/02. 17pp. 53067 244-53067 260.

9003190344 Safety evaluation supporting Amends 131 & 118 to Licenses DPR-77 & DPR-79, respectively. \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/02. 5pp. 53067:261-53067 265.

9003130387 Advises of compliance w/10CFR50.46(a)(1) upon startup from Cycle 4 refueling outage for plant & that ECCS evaluation will be valid upon completion of mods associated w/upper head injection removal. WALLACE,E.G. Tennessee Valley Authority. 90/03/05. Document Control Branch (Document Control Desk). 2pp. 53015:062-53015 063.

9003130399 Forwards addl info to support util request for relief from ASME Section XI Code Case N-416 re hydrostatic pressure test requirements, consisting of alternative for testing Class 2 piping following repair or replacement. WALLACE,E.G. Tennessee Valley Authority. 90/03/05. Document Control Branch (Document Control Desk). 3pp. 52994 218-52994 220.

9003150466 Application for amends to Licenses DPR-77 & DPR-79, consisting of Tech Spec Change Request 90-03, implementing NRC recommended alternatives for radiological effluent Tech Specs as contained in Generic Ltr 89-01. WALLACE,E.G. Tennessee Valley Authority. 90/03/09. Document Control Branch (Document Control Desk). 2pp. 53031:127-53032 107.

9003150487 Proposed Tech Specs implementing NRC recommended alternatives for radiological effluent Tech Specs as contained in Generic Ltr 89-01. \* Tennessee Valley Authority. 90/03/09. 147pp. 53031:131-53031 277.

9003190135 Rev 24 to "ODCM." \* Tennessee Valley Authority. 90/02/27. 168pp. 53031:278-53032 086.

9003190141 Rev 0 to "Process Control Program." \* Tennessee Valley Authority. 90/03/02. 21pp. 53032:087-53032 107.

9003180217 Forwards Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description." WALLACE,E.G. Tennessee Valley Authority. 90/03/09. Document Control Branch (Document Control Desk). 5pp. 53039:161-53039 223.

9003180379 Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description." \* Tennessee Valley Authority. TVA-NPOD89 R01. 90/03/01. 57pp. 53039:166-53039 223.

9003180407 Forwards status & results of performance improvement at plant. Util working towards achieving sustained excellence through conduct of performance evaluations. Improving employee communications & establishing goals & objectives. KINGSLEY,O.D. Tennessee Valley Authority. 90/03/12. Document Control Branch (Document Control Desk). 23pp. 53036:001-53036 023.

9003220297 Forwards Rev 2 to TVA Calculation SQN-SQS2-0097, "Probabilistic Analysis Showing Effects of Delaying RHR Autoclosure Interlock." WALLACE,E.G. Tennessee Valley Authority. 90/03/15. Document Control Branch (Document Control Desk). 3pp. 53123:309-53124 050.

9003220300 Rev 2 to TVA Calculation SQN-SQS2-0097, "Probabilistic Analysis Showing Effects of Delaying RHR Autoclosure Interlock." \* Tennessee Valley Authority. 90/02/20. 89pp. 53123:312-53124 050.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2. "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW,J.C. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195:014-53195 089.

## O. Inspection reports, IE Bulletins & correspondence

9003050001 Forwards Insp Repts 50-327/89-28 & 50-328/89-28 on 891113-17. Violations noted but not cited. WILSON,B.A. Assistant Director for Inspection Programs. 90/01/28. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52824:005-52824 021.

9003050002 Insp Repts 50-327/89-28 & 50-328/89-28 on 891113-17. Violations noted re failure to source check effluent gas monitors per Tech Specs. Major areas inspected radiological effluents & waste treatment, water chemistry & OA. MARSTON,R.R., DECKER,T.R. Region 2, Ofc of the Director. 90/01/28. 14pp. 52824:008-52824 021.

9002260246 Forwards Special Insp Repts 50-327/90-01 & 50-328/90-01 on 900108-12 & notice of violation Enforcement conference scheduled for 900214 to discuss two additional violations. WILSON,B.A. Assistant Director for Inspection Programs. 90/02/07. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52726:054-52726 088.

9002260251 Notice of violation from Insp on 900108-12. Violation noted. Licensee failed to perform adequate design change for refueling water storage tank level transmitters & failed to perform safety evaluation per 10CFR50.59 for design change. WILSON,B.A. Assistant Director for Inspection Programs. 90/02/07. 2pp. 52726:057-52726 058.

9002260255 Special Insp Repts 50-328/90-01 & 50-328/90-01 on 900108-12. Violations noted. Major areas inspected. Licensee look back program to verify that scope of program adequate & conclusions valid. HARMON,P., WATSON,L.J. Region 2, Ofc of the Director. 90/02/07. 25pp. 52726:059-52726 086.

9002260350 Forwards safety evaluation accepting util 880301-0802, 890705 & 900124 responses to NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." BLACK,S. Assistant Director for Projects. 90/02/15. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 52738:192-52738 225.

9002260353 SER accepting util 880301-0802, 890705 & 900124 responses to IE Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/15. 3pp. 52738:194-52738 196.

9002260544 SER accepting util responses to NRC Bulletin 88-002, "Rapidly Propagating Fatigue Cracks in Steam Generator Tubes." \* NRC - No Detailed Affidavit Given. 90/02/16. 20pp. 52738:197-52738 225.

9003060636 Forwards Insp Repts 50-327/90-04 & 50-328/90-04 on 900122-28. Violations noted but not cited. WILSON,B.A. Assistant Director for Inspection Programs. 90/02/16. KINGSLEY,O.D. Tennessee Valley Authority. 3pp. 52825:288-52825 298.

9003060637 Insp Repts 50-327/90-04 & 50-328/90-04 on 900122-28. No violations noted. Major areas inspected radiation protection program & pre-outage activities for radiation protection program. Licensee identified violations cited. COLLINS,T.R., POTTER,J.P. Region 2, Ofc of the Director. 90/02/14. 8pp. 52825:281-52825 298.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776:262-52776 360.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52776:163-52776 261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844:001-52844 099.

9003090241 Responds to NRC 900130 & 0207 ltr re violations noted in Insp Repts 50-327/89-29, 50-328/89-29, 50-327/90-01 & 50-328/90-01. Corrective actions night orders issued to ensure adequate refueling water storage tank water levels. MEDFORD,M.O. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 7pp. 52926:195-52926 201.

9003090325 Suppls 871228 & 890214 responses to violations noted in Insp Rept 50-327/87-48 & 50-328/87-48. Corrective actions: Unit 1 spool pieces & common spool pieces will be installed to ensure proper fitup by end of Cycle 7 refueling outage. WALLACE,E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 5pp. 52967:202-52967 206.

9003120703 Responds to NRC 890509 ltr re violations noted in Insp Repts 50-327/89-09 & 50-328/89-09. Corrective actions: summary list of subvendor publications in Westinghouse vendor technical manual compiled & vendors contacted for verification. MEDFORD,M.O. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 3pp. 52969:316-52969 318.

9003140400 Confirms 900302 telcon re 900201 notice of violation. Period for response to notice of violation extended until NRC takes action on 900212 request for repl. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 53000:279-53000 280.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/06. Consolidated Edison Co. of New York, Inc. 89pp. 52844:100-52844 198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870723). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997:001-52997 094.



110172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189.

110227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl. NGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870729). 03/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-53018.

110293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative Fasteners." Svc list encl. SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 103pp. 52944-199-52944-298.

150312 Forwards redacted investigation Rept 2-86-015 & extends requested 30-day response time by addl 30 days from ltr date to allow review & respond as appropriate per utl: 900212 request. UTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 80/07. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 53033-111-53033-112.

150359 Redacted investigation Rept 2-86-015 re alleged mail false statement by senior TVA managers investigating on determined that TVA general counsel intentionally misled NRC re TVA handling of Energy Reorganization Act complaints. RYON, L.J., HAYES, B.B. Ofc of Investigations (Post 880201). 88/04/14. 695pp. 53033-111-53033-087.

120211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Coprocessor Valves." Svc list encl. SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-096-52963-189.

150043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-289.

150148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl. SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-300-52963-048.

200066 Forwards partially withheld Insp Repts 50-327/90-05 & 50-328/90-05 on 1130-0202. Violations noted. Requests action licensee plans to take re NRC concern security of main on security equipment. SON, B.A. Assistant Director for Inspection Programs. 90/03/09. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 53071-127-53071-131.

200069 Partially withheld Insp Repts 50-327/90-05 & 50-328/90-05 on 900130-12. Violations noted. Major areas inspected: routine, unannounced insp of licensee's safety security program of power reactors including plans, audits & maint. BIN, W.J., MCGUIRE, D.R. Region 2, Ofc of the Director. 90/02/22. 1p. 53071-131-53071-131.

210145 Forwards Insp Repts 50-327/90-02 & 50-328/90-02 on 900122-26 & notice violation. SON, B.A. Assistant Director for Inspection Programs. 90/03/12. KINGSLEY, O.D. Tennessee Valley Authority. 4pp. 53132-165-53132-187.

210146 Notice of violation from Insp on 900122-26. Violation noted: failure to develop technical justification for adding 8.2 KW of load to emergency diesel generators through documented calculation. SON, B.A. Assistant Director for Inspection Programs. 90/03/12. 2pp. 53132-170-53132-171.

210148 Insp Repts 50-327/90-02 & 50-328/90-02 on 900122-26. Violations noted. Major areas inspected: design changes & mods, procurement & licensee action previously identified findings. DE, F., PEEBLES, T. Region 2, Ofc of the Director. 90/03/09. 16pp. 53132-172-53132-187.

060213 NRC Info Notice 90-018, "Potential Loss of Effective Vol for Containment Circulation Spray at PWR Facilities." Svc list encl. SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

210171 Forwards Insp Repts 50-327/90-03 & 50-328/90-03 on 900105-0205. Violations noted. SON, B.A. Region 2, Ofc of the Director. 90/03/14. KINGSLEY, O.D. Tennessee Valley Authority. 2pp. 53093-167-53093-180.

210179 Insp Repts 50-327/90-03 & 50-328/90-03 on 900105-0205. No violations noted. Major areas inspected: operational safety verification, maintenance observations, surveillance testing observations, review of insp findings & followup of actions. NISON, K., WATSON, L.J. Region 2, Ofc of the Director. 90/03/14. 22pp. 093-169-53093-180.

220303 Submits revised response to NRC Bulletin 88-004 re potential safety-related pump loss. Motor-driven auxiliary feedwater pumps have been revised to include info describing operations of pumps & description of full-flow test program. WALLACE, E.G. Tennessee Valley Authority. 90/03/15. Document Control Branch (Document Control Desk). 7pp. 53145-205-53145-211.

260117 Provides revised corrective action plan intended to refine plan to accomplish more effective documentation of training by placing responsibility on supervisor/instructor in general engineering. FORD, M.O. Tennessee Valley Authority. 90/03/16. Document Control Branch (Document Control Desk). 5pp. 53190-153-53190-157.

110012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box W." Svc list encl. SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.

9003260252 Provides addl rev to utl 890411 response to NRC Bulletin 88-010, "Non-conforming Molded Case Circuit Breakers." Utl proposes no further review to identify direct charge breakers procured between Aug 1983 - Dec 1984. WALLACE, E.G. Tennessee Valley Authority. 90/03/20. Document Control Branch (Document Control Desk). 22pp. 53147-210-53147-231.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

9003090292 "1989 Annual Operating Rept for Sequoyah Nuclear Plant." W/ 800301 ltr. WALLACE, E.G. Tennessee Valley Authority. 89/12/31. 65pp. 52968-008-52968-072.

9003010065 Forwards monthly operating repts for Jan 1990 & Dec 1989 for Sequoyah Nuclear Plant Units 1 & 2. RAY, M.L. Tennessee Valley Authority. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52781-267-52781-286.

9003010073 Monthly operating repts for Jan 1990 for Sequoyah Nuclear Plant Units 1 & 2. HOLLOWAY, T.J. Tennessee Valley Authority. 90/01/31. 8pp. 52781-269-52781-276.

9003010079 Monthly operating repts for Dec 1989 for Sequoyah Nuclear Plant Units 1 & 2. SIMS, R.G. Tennessee Valley Authority. 89/12/31. 10pp. 52781-277-52781-286.

9003080245 Forwards supplemental info to "Effluent & Waste Disposal Semiannual Rept for Second Half 1989" & "Radiological Impact Assessment Rept for 1989." WALLACE, E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52859-164-52859-035.

9003080246 Supplemental "Effluent & Waste Disposal Semiannual Rept for Second Half 1989." Tennessee Valley Authority. 89/12/31. 32pp. 52858-160-52858-353.

9003080252 "Radiological Impact Assessment Rept, Sequoyah Nuclear Plant, 1989." THOMPSON, M. Tennessee Valley Authority. 89/12/31. 42pp. 52858-354-52858-035.

## S. Reportable occurrences, LERs & related correspondence

9002220600 Special Rept 90-01 on 900126, Limiting Condition for Operation 3.7.11.1 entered when two fire suppression water strainers removed from svc during planned outage. Strainers cleaned & repaired & pressure control valve returned to svc. RAY, M.J. Tennessee Valley Authority. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52703-348-52703-349.

9002220665 Special Rept 90-02 on 900126, electrical cables to ensure RCS shutdown path exists did not meet separation requirements in two plant locations. Caused by deficiencies in development of App R sketch drawings. Roving fire watches established. RAY, M.J. Tennessee Valley Authority. 90/02/09. Document Control Branch (Document Control Desk). 4pp. 52713-225-52713-228.

9003020076 Part 21 re ABB 27/59 Relay Catalog Series 211L Solder connections to printed wiring runs on bottom of circuit board deteriorated due to thermal stress. No actual failure occurred & relays to be changed at next outage. KAISER, A.F. ASEA Brown Boveri, Inc. 90/02/22. BERLINGER, C. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52798-341-52798-343.

9003070020 Part 21 re solder connections in ABB 27/59 relays deteriorated due to thermal stress, causing bonding of printed wiring pattern to glass epoxy circuit board. Interim circuit board w/ larger pads & higher wattage will be used. KAISER, A.F. ASEA Atom, Inc. 90/02/22. BERLINGER, C. Generic Communications Branch. 3pp. 52888-207-52888-209.

9003070345 LER 90-002-00 on 900122, value for distance from floor to center line of Level Switch 2-LS-87-21 transposed in variable leg calculation. Caused by inattention to detail. Procedure revised to replace incorrect value. BYNUM, J.R. Tennessee Valley Authority. 90/02/28. 5pp. 52845-277-52845-281.

9003080124 Special Rept 90-03 on 900121, trouble alarm on fire protection panel O-1-630 observed. Caused by malfunction of fire detector in Fire Zone 353 located in lower compartment of Unit 2 containment. Work request initiated. WALLACE, E.G. Tennessee Valley Authority. 90/03/01. Document Control Branch (Document Control Desk). 3pp. 52894-059-52894-081.

9003210270 LER 90-003-00 on 900211, inadvertent containment vent isolation occurred. Caused by lack of attention to detail in that operator did not look closely enough at switch designations. Personnel involved counseled. W/ 800312 ltr. HIPPO, G., BYNUM, J.R. Tennessee Valley Authority. 90/03/12. 4pp. 53100-012-53100-015.

#### A. Application/construction stage documents & correspondence

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.099.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844.109-52844.198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52897.095-52897.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997.288-52998.018.

9003010293 Suppl 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52964.048.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 88pp. 52997.190-52997.287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Rows." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035.129-53035.226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### DOCKET 50-330 MIDLAND PLANT, UNIT 2

#### A. Application/construction stage documents & correspondence

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### I. Financial Information

9003300147 "Consumers Power Co 1989 Annual Rept." W/900322 ltr.  
MCNISH, T.A. Consumers Power Co. 89/12/31. 28pp. 53265.039-53265.067.

#### Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.099.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52897.095-52897.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997.288-52998.018.

9003010293 Suppl 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52964.048.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 88pp. 52997.190-52997.287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Rows." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035.129-53035.226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### DOCKET 50-331 DUANE ARNOLD ENERGY CENTER

#### F. Security, medical, emergency & fire protection plans

9002270030 Advises that 881219 Rev 22 to security & contingency plans consistent w/ provisions of 10CFR50.54(p) & acceptable.  
GREGER, L.R. Region 3, Oic of the Director. 90/02/09. M-NECK, D.L. Iowa Electric Light & Power Co. 2pp. 52748.090-52748.091.

9003070266 Forwards FEMA 900122 ltr & exercise rpt re findings for 891116 unannounced emergency preparedness drill. No deficiencies or inadequacies identified that would require corrective action due to drill.  
GREGER, L.R. Region 3, Oic of the Director. 90/02/16. ILLU, L. Iowa Electric Light & Power Co. 1p. 52887.339-52887.356.

9003120111 Forwards FEMA analysis of prompt alert & notification sys for plant. FEWA determined that alert & notification sys installed around plant satisfies requirements of NUREG-0654/FEMA-REP-1 Rev 1 & FEMA-REP-10.  
GREGER, L.R. Region 3, Oic of the Director. 90/02/20. ILLU, L. Iowa Electric Light & Power Co. 270pp. 52974.232-52975.141.

Forwards Rev 23 to plant security plan & contingency plan, incorporating editorial changes & upgrades made to date on perimeter barrier surrounding protected area. Rev withheld (ref 10CFR73.21).  
I.L. Iowa Electric Light & Power Co. 90/02/28. Document Control Branch (Control Desk). 2pp. 52897.022-52897.023.

### 2 license stage documents & correspondence

Forwards Rev 9 to Chapter 17.2, "QA During Operations Phase." Rev deauthorization changes within QA dept, effective on 900205.  
I.L. Iowa Electric Light & Power Co. 90/02/09. MURLEY, T.E. Office of Nuclear Regulation, Director (Post 870411). 2pp. 52748.273-52748.312.

1 Rev 9 to Chapter 17.2, "QA During Operations Phase"  
I.L. Iowa Electric Light & Power Co. 90/02/01. 38pp. 52748.275-52748.312.

Application for amend to License DPR-49, consisting of Tech Spec 3.14 to limit radioactivity that may be contained in liquid holdup tanks in low level radiating & storage facility.

I.L. Iowa Electric Light & Power Co. 90/02/13. MURLEY, T.E. Office of Nuclear Regulation, Director (Post 870411). 10pp. 52748.288-52748.302.

3 Proposed Tech Specs re liquid holdup tanks.  
I.L. Iowa Electric Light & Power Co. 90/02/13. 5pp. 52748.288-52748.302.

Confirms 900227 mtg meeting in Glen Ellyn, IL to discuss utility actions re prioritizing engineering issues.  
I.L. Iowa Electric Light & Power Co. 90/02/22. LIU, L. Iowa Electric Light & Power Co. 1p. 52894.042-52894.042.

Application for amend to License DPR-49, consisting of Tech Spec Change revising organizational structure, per Generic Ltr 89-06.  
I.L. Iowa Electric Light & Power Co. 90/02/26. MURLEY, T.E. Office of Nuclear Regulation, Director (Post 870411). 6pp. 52948.096-52948.108.

5 Proposed Tech Spec Section 6.0, "Administrative Controls" covering mgmt responsibilities, plant staff qualifications & retraining & replacement training.  
I.L. Iowa Electric Light & Power Co. 90/02/26. 5pp. 52948.104-52948.108.

Application for amend to License DPR-49, consisting of Tech Spec Change removing 3.25 limit on extending surveillance intervals, per Generic Ltr 89-14.  
I.L. Iowa Electric Light & Power Co. 90/02/28. MURLEY, T.E. Office of Nuclear Regulation, Director (Post 870411). 6pp. 52857.303-52857.310.

7 Proposed Tech Spec Change RTS-234 re removal of 3.25 limit on three surveillance intervals, per Generic Ltr 89-14.  
I.L. Iowa Electric Light & Power Co. 90/02/28. 2pp. 52857.309-52857.310.

Requests 30-day extension to respond to Generic Ltr 90-01 re request for participation in NRC regulatory impact survey.  
I.L. Iowa Electric Light & Power Co. 90/02/28. MURLEY, T.E. Office of Nuclear Regulation, Director (Post 870411). 1p. 52897.076-52897.076.

Advices that utility endorses BWR Owners Group request to extend data for pond to Generic Ltr 89-18 re resolution of USI A-47 until 900504 in order to BWR Owners Group response to be submitted by 900320.  
I.L. Iowa Electric Light & Power Co. 90/03/05. MURLEY, T.E. Office of Nuclear Regulation, Director (Post 870411). 1p. 53019.040-53019.040.

Forwards understanding of current status of all unimplemented USIs, per 89-21.  
Project Directorate III-3. 90/03/08. LIU, L. Iowa Electric Light & Power Co. 5:292-53025-295.

Provides notification of change in schedule to revise instrument range for 1.97, Variable C-12. Discrepancy re instrument range for Variable C-11 from justly committed to identified.

I.L. Iowa Electric Light & Power Co. 90/03/19. MURLEY, T.E. Office of Nuclear Regulation, Director (Post 870411). 2pp. 53193.080-53193.081.

Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of condition in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

### 3 on reports, IE Bulletins & correspondence

NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In." Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operations." Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776.183-52776.261.

1 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52844.001-52844.099.

1 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards." Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.198.

1 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 89pp. 52997.001-52997.004.

3 Confirms plans discussed w/J Probst & C Phillips re 900329 meeting to initial SAMP re report for facility.  
A.N.E.G. Region 3, OIC of the Director. 90/03/06. LIU, L. Iowa Electric Light & Power Co. 2pp. 53078.157-53078.158.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52997.085-52997.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997.288-52997.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Center of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52963.048.

9003160261 EN-90-002A withdraws proposed civil penalty in amount of \$25,000 because of identification problem & took corrective actions re inadequate secondary containment test procedure as noted in 900209 response to notice of violation.  
TROSKOSKI, W. LIEBERMAN, J. OIC of Enforcement (Post 870413). 90/03/13. 1p. 53036.241-53036.241.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003160474 Withdraws 900110 notice of violation & proposed imposition of civil penalty in amount of \$25,000 since violation did not involve overexposure or release of radioactive material, per 10CFR2. App C Section V.G.3 Evaluation on encl.  
THOMPSON, H.L. Dep Exec Dir for Natl. Safety, Safeguards & Operations Support (Post 890205). 90/03/14. LIU, L. Iowa Electric Light & Power Co. 6pp. 53037.046-53037.051.

9003230008 Forwards Safety Insp Rpt 50-331/90-02 on 900101-0219. Violations noted for followup emergency operating procedures Insp on 891016-20 also on 891016-20. Rpt 3, OIC of the Director. 90/03/14. LIU, L. Iowa Electric Light & Power Co. 2pp. 53139.104-53139.189.

-9003230009 Insp Rpt 50-331/90-02 on 900101-0219. No violations noted. Major areas inspected: LEFRs, isolation, operational safety, maint, surveillance, regional requests, rept review & mtg findings.  
HAGUE, R.L. Region 3, OIC of the Director. 90/03/14. 24pp. 53139.166-53139.189.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Flow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 99pp. 53035.120-53035.226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

### R. Periodic operating reports & related correspondence

9003070198 "Semiannual Rept Radioactive Effluent Releases, 890626-1227." W/ 900228 ltr.  
HANNEN, R.L. Iowa Electric Light & Power Co. 89/12/27. DAVIS, A.B. Region 3, OIC of the Director. 45pp. 52888.161-52888.205.

9003120032 "Annual Occupational Radiation Exposure 10CFR20 Rept Personnel Whole Body Exposure for CY89." W/900223 ltr.  
HANNEN, R.L. Iowa Electric Light & Power Co. 89/12/31. 2pp. 52873.161-52873.162.

9003010488 Forwards monthly operating rept for Jan 1990 & corrected monthly operating rept for Dec 1989 for Duane Arnold Energy Ctr.  
HANNEN, R.L. Iowa Electric Light & Power Co. 90/02/15. DAVIS, A.B. Region 3, OIC of the Director. 1p. 52766.225-52766.232.

-9003010491 Monthly operating rept for Jan 1990 for Duane Arnold Energy Ctr.  
TRAN, H. Iowa Electric Light & Power Co. 90/01/31. 6pp. 52766.226-52766.231.

-9003010494 Corrected monthly operating rept for Dec 1989 for Duane Arnold Energy Ctr.  
TRAN, H. Iowa Electric Light & Power Co. 89/12/31. 1p. 52766.232-52766.232.

Requirements for Reactor/Steamer Reactor Operator Licensing Exams at least 60 days prior to exam date of 900604 in order to meet schedule Related info encl WRIGHT G.C. Region 3, Ofc of the Director 90/03/13 J.O.U. J.C. J.C. Electric Light & Power Co. 13pp 53145 105-53145 117

## DOCKET 50-333 JAMES A. FITZPATRICK NUCLEAR POWER PLANT

### F. Security, medical, emergency & fire protection plans

**9003120386** Revised sections of Vols 1 & 2 of emergency plan & revised EPIPs including Rev 9 to IAP-1, Rev 5 to IAP-2, Rev 16 to EAP-1, Rev 10 to EAP-2, Rev 10 to EAP-3, Rev 13 to EAP-4, Rev 10 to EAP-5, 1 Rev 1 to EAP-5.2 W/ two oversize ercls  
\* New York Power Authority (formerly Power Authority of the State of New York) 90/02/14 18pp 52912 292-52913 294

**-9005020281** Revised EPIPs including Rev 9 to IAP-1, Rev 5 to IAP-2, Rev 16 to EAP-1, Rev 10 to EAP-2, Rev 10 to EAP-3, Rev 13 to EAP-4, Rev 10 to EAP-5, 1 Rev 1 to EAP-5.2 Rev 8 to EAP-6, Rev 8 to EAP-7, 1 Rev 4 to EAP-7.2 Rev 13 to EAP-8 & Rev 3 to EAP-9  
\* New York Power Authority (formerly Power Authority of the State of New York) 90/02/01 182pp 52913 104-52913 294

**9003090324** Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in FDR  
PHILIPS J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday 18pp 52950 252-52950 284

**-9003120104** Forwards correspondence re status of emergency planning around sites W/O encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/09/26 OTTINGER, R.L. House of Rep., Energy & Commerce. 1p 52990 298-52990 298

**9003080107** Requests NRC confirmation of results of 900117 telcon re fitness-for-duty random drug testing requirement that applies to individuals w/ unescorted access at plants  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/02/27 PARLER, W.C. Office of the General Counsel (Post 860701) 2pp 52897 100-52897 101

**9003080137** Forwards response to NRC SALP Inital Rept 50-333/68-99 for May 1988 - Sept 1989 Emergency operating procedures being upgraded to Rev 4 of emergency procedures guidelines & will be in place upon startup from Spring refueling outage  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/02/28 Document Control Branch (Document Control Desk) 8pp 52859 130-52859 137

**9003210189** Requests notification re participation in emergency response data sys acq. completion tests to be held in Apr 1990  
JOLICOEUR, R. Incident Response Branch. 90/03/12 ZAREMBA, A. New York Power Authority (formerly Power Authority of the State of New York) 1p 53132 227-53132 227

### P. Operating license stage documents & correspondence

**9002220486** Forwards application for amend to License DPR-59, revising Tech Specs re RHR pump operability  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/02/09 Document Control Branch (Document Control Desk) 2pp 52713 335-52713 357

**-9002220493** Application for amend to License DPR-59, revising Tech Specs re RHR pump operability  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/02/09 2pp 52713 337-52713 338

**-9002220495** Proposed Tech Specs re RHR pump operability  
\* New York Power Authority (formerly Power Authority of the State of New York) 90/02/09 10pp 52713 339-52713 348

**-9002220496** Rev 0 to "Decrease of RHR Pump Rated Flow by 10% in LPCI Mode," safety evaluation  
STOLL, C.H., WARBIS, W.A., WALZ, V.M. New York Power Authority (formerly Power Authority of the State of New York) JAF-SE-90-024 R00. 90/02/05 8pp 52713 349-52713 357

**9002270090** Forwards Amend 150 to License DPR-59 & safety evaluation Amend modifies & updates Tech Spec Table 3.7-1, "Process Pipeline Penetrating Primary Containment," for clarity & to reflect as-built condition of plant.  
LABARGE, D.E. Project Directorate I-1. 90/02/13 BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 2pp 52758 350-52758 016

**-9002270092** Amend 150 to License DPR-59, modifying & updating Tech Spec Table 3.7-1, "Process Pipeline Penetrating Primary Containment," for clarity & to reflect as-built condition of plant.  
CAPRA, R.A. Project Directorate I-1. 90/02/13 22pp 52758 352-52759 013

**-9002270094** Safety evaluation supporting Amend 150 to License DPR-59.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/13 3pp 52759 014-52759 016

**9003020262** Forwards Amend 152 to License DPR-59 & safety evaluation Amend requires requirement to manually scram reactor from control rod configuration of less than or equal to 50% rod density once per operating cycle  
LABARGE, D.E. Project Directorate I-1. 90/02/15 BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 2pp 52835 189-52835 196

**-9003020266** Amend 152 to License DPR-59, eliminating requirement to manually scram reactor from control rod configuration of less than or equal to 50% rod density once per operating cycle  
CAPRA, R.A. Project Directorate I-1. 90/02/15 5pp 52835 189-52835 193

**-9003020269** Safety evaluation supporting Amend 152 to License DPR-59  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/15 3pp 52836 194-52836 196

**9003010167** Requests that 900209 application for amend to License DPR-59 be processed on emergency basis & approved by 900225 to avoid premature plant shutdown  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/02/21 Document Control Branch (Document Control Desk) 2pp 52815 301-52815 302

**9003050255** Advises that proposed NEDO-31558 document unacceptable & neither flux monitoring equipment must be environmentally qualified to comply w/ 10CFR50.49, based on review of sub issue  
LABARGE, D.E. Project Directorate I-1. 90/02/26 BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 2pp 52837 063-52837 070

**9003070019** Forwards Amend 153 to License DPR-59 & safety evaluation Amend extends allowable out-of-svc time for one LPCI subsystem & corresponding component cooling subsystem from 7 to 14 days & reduces RHR flow rate to 8910 gpm  
LABARGE, D.E. Project Directorate I-1. 90/02/28 BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 2pp 52891 083-52891 083

**-9003070023** Amend 153 to License DPR-59, extending allowable out-of-svc time for one LPCI subsystem & corresponding containment cooling subsystem from 7 to 14 days & reducing RHR pump flow rate acceptance criteria from 9,990 gpm to 8910 gpm  
BOGER, B.A. Assistant Director for Region 1 Reactors 90/02/28 5pp 52891 083-52891 073

**-9003070026** Safety evaluation supporting Amend 153 to License DPR-59  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/28 7pp 52891 074-52891 080

**9003130010** Forwards "New York Power Authority JA Fitzpatrick, Nuclear Power Plant Effluent & Waste Disposal Semiannual Rept Jul-Dec 1989" & Rev 7 to "OCDCM" FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 90/02/28 RUSSELL, W.T. Region 1, Ofc of the Director. 1p 52892 067-52892 336

**-9003130320** Rev 7 to "OCDCM"  
\* New York Power Authority (formerly Power Authority of the State of New York) 82/12/20 226pp 52892 111-52892 336

**9003150269** Responds to Generic Ltr 80-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey" Provides info on time plant managers spend in responding to various operational insps & audits  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/03/02 Document Control Branch (Document Control Desk) 24pp 53021 274-53021 287

**9003140292** Forwards Amend 154 to License DPR-59 & safety evaluation Amend establishes controls for valves in standby gas treatment sys used for inerting & dewatering primary containment & restricts max opening angle of vent valves  
LABARGE, D.E. Project Directorate I-1. 90/03/05 BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 2pp 53029 316-53029 331

**-9003140294** Amend 154 to License DPR-59, establishing controls for valves in standby gas treatment sys used for inerting & dewatering primary containment & restricts max opening angle of vent & purge valves  
CAPRA, R.A. Project Directorate I-1. 90/03/05 10pp 53029 318-53029 327

**-9003140295** Safety evaluation supporting Amend 154 to License DPR-59  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/05 4pp 53029 328-53029 331

**9003160286** Forwards status of unimplemented USIs at plant, per 891019 request  
LABARGE, D.E. Project Directorate I-1. 90/03/08 BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 3pp 53035 380-53035 380

**9003200009** Forwards application for amend to License DPR-59, clarifying Spec 3.9B.1 re diesel generator operability to eliminate erroneous ref to both diesel generator sys  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/03/09 Document Control Branch (Document Control Desk) 2pp 53077 214-53077 222

**9003200012** Application for amend to License DPR-59, clarifying Spec 3 9 B 3 re diesel generator operability to eliminate erroneous ref to both diesel generator sys.  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/03/09 1p 53077-216-53077-216.

**9003200013** Proposed Tech Specs, clarifying Spec 3 9 B 3 re diesel generator operability.  
\* New York Power Authority (formerly Power Authority of the State of New York) 90/03/09 6pp 53077-217-53077-222.

**903260243** Forwards application for amend to License DPR-59, changing Tech Spec Section 4 9 F, "LPCI Motor-Operated Valve Independent Power Supplies," on Page 222a. Changes purely editorial in nature & revises surveillance requirement.  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/03/13 Document Control Branch (Document Control Desk) 2pp 53150-065-53150-073

**9003260248** Application for amend to License DPR-59, changing Tech Spec Section 4 9 F, "LPCI Motor-Operated Valve Independent Power Supplies," on Page 222a.  
\* New York Power Authority (formerly Power Authority of the State of New York) 90/03/13 1p 53150-067-53150-067.

**9003260286** Proposed Tech Specs changing Section 4 9 F, "LPCI Motor-Operated Valve Independent Power Supplies," on Page 222a.  
\* New York Power Authority (formerly Power Authority of the State of New York) 90/03/13 6pp 53150-068-53150-073

**903270343** Forwards response to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47." Overl protection sys sufficiently separate from main feedwater control sys & acceptable. No mods to sys planned.  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/03/10 Document Control Branch (Document Control Desk) 6pp 53192-114-53192-119.

**903140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.R. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc 55pp 53195-014-53195-089

#### Inspection reports, IE Bulletins & correspondence

**902220685** Notices second 10-yr inservice insp interval scheduled to end in Jul 1995 & valve insp during 1990, 91 & 93 refueling outages.  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/02/08 Document Control Branch (Document Control Desk) 2pp 52996-221-52996-222

**902220538** Notification of 900222 meeting w/utl in Rockville, MD to discuss various aspects & plans concerning IGSCC insps scheduled for upcoming refueling outages at facility.  
LABARGE, D.E. Project Directorate I-1 90/02/12 CAPRA, R.A. Project Directorate I-1 2pp 52703-187-52703-188

**902260504** Forwards Insp Rpt 50-333/90-11 on 890131-0207 Violation noted. Enforcement conference planned to discuss root causes of uil exceeding licensed thermal power.  
KANE, W.F. Region 1, Ofc of the Director 90/02/16 FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 2pp 52739-206-52739-217.

**9002260507** Insp Rpt 50-333/90-11 on 900131-0207 Violations & one unresolved item noted. Major areas inspected handling of feedwater flow measurement & operation in excess of licensed core thermal power.  
MEYER, G.W. Region 1, Ofc of the Director 90/02/13 10pp 52739-208-52739-217.

**903050053** Ack receipt of 900229 ltr informing NRC of steps taken to correct violations noted in Insp Rpt 50-333/89-21.  
BELLAMY, R.R. Region 1, Ofc of the Director 90/02/20 FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 2pp 52823-001-52823-007.

**902180093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc 9pp 52776-262-52776-360

**903070186** Requests that ref mats listed in Encl 1 be provided for Maint Program Team Insp scheduled for 900423-0511. Maint Insp tree providing Insp guidance & NRC Temporary Instruction 2515/97, "Maint Insp," Rev 1 also encl.  
GALLO, R.M. Region 1, Ofc of the Director 90/02/23 FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 14pp 52989-001-52989-014.

**903090324** Partial response to FOIA request for documents. Listed App B documents enclosed. App A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890206) 90/02/26 WEBER, M.A. New York Newsday 18pp 52990-252-52990-284.

**9003120248** Forwards announcement that NRC has proposed fine of \$40,000 for alleged violations of safety requirements at facility. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 8/11/12 OTTINGER, R.L. House of Rep. Energy & Commerce SIMPSON, A. Senate UDALL, M. House of Rep. 1p 52990-310-52990-310.

**903130211** Summary of 900222 meeting w/utl in Rockville, MD re licensee IGSCC insps plans for upcoming refueling outage, scheduled to begin on 900331. Hydrogen chemistry program cannot be used to reduce number of weld insps. List of attendees encl.  
LABARGE, D.E. Project Directorate I-1 90/02/26 Project Directorate I-1 16pp 52992-337-52992-351.

**902230283** NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc 9pp 52776-163-52776-261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.

ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc 98pp 52844-001-52844-099

**9003080137** Forwards response to NRC SALP Internal Rept 50-333/88-99 for May 1989 - Sept 1989 Emergency operating procedures being upgraded to Rev 4 of emergency procedures guidelines & w/utl in place upon startup from Spring refueling outage.  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/02/28 Document Control Branch (Document Control Desk) 8pp 52859-130-52859-137

**9003080280** Forwards "Inservice Insp Hydrostatic Test Program for Class 2 & 3 Sys Conducted During First 10-Yr Insp Interval." Reel requested for second 10-yr insp interval for hydrostatic relief requests contained in encl.  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/03/01 Document Control Branch (Document Control Desk) 2pp 52857-121-52857-141

**9003080281** "Inservice Insp Hydrostatic Test Program for Class 2 & 3 Sys Conducted During First 10-Yr Inservice Insp Interval."  
\* New York Power Authority (formerly Power Authority of the State of New York) 90/03/01 19pp 52857-123-52857-141

**9003150259** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Provides info on time plant managers spend in responding to various operational insps & audits.  
BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 90/03/02 Document Control Branch (Document Control Desk) 24pp 53021-274-53021-297

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc 99pp 52844-100-52844-198

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870728) 90/03/06 Consolidated Edison Co. of New York, Inc 88pp 52997-001-52997-094

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Director's Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc 85pp 52997-095-52997-189

**9003010227** NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc 91pp 52997-288-52998-018

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc 100pp 52844-199-52844-298

**9003020211** NRC Info Notice 90-017, "Weight & Cir of Gravity Discrepancies for Copos-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc 104pp 52963-006-52963-199

**9003160425** Advises that no addl submittal needed in order to review licensee IGSCC insp plans for 1990 refueling outage.  
LABARGE, D.E. Project Directorate I-1 90/03/08 BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 2pp 53039-281-53039-282

**9003050043** NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc 100pp 52963-200-52963-299

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc 100pp 52963-300-52963-048

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc 98pp 52997-190-52997-287

**9003260118** Advises that schedule for performing first 10-yr insp interval inservice insps acceptable per utl 900208 ltr.  
LABARGE, D.E. Project Directorate I-1 90/03/19 BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 2pp 53148-358-53148-369

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc 98pp 53035-129-53035-226

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc 91pp 53168-057-53168-147

**9003160308** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc 100pp 53132-001-53132-100

9003190340 NRC Info Notice 90-022, "Unanticipated Equipment Actions Following Restoration of Power to Resonant Transmitter Trip Units." Svc list encl ROSS, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consoi dated Edison Co of New York, Inc. 102pp 53165-007-53165 108

#### R. Periodic operating reports & related correspondence

9003202015 "Safety/Relief Valve Challenges & Failures for 1988." W/900223 ltr BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York) 89/12/31 4pp 52799-318-52799-321

9003140058 Personnel radiation monitoring rpt for 1989 W/900305 ltr FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 89/12/31 2pp 53018-077-53018-078

9003130010 Forwards "New York Power Authority J.A. Fitzpatrick Nuclear Power Plant Effluent & Waste Disposal Semianual Rpt Jul-Dec 1989" & Rev 7 to "ODCM." FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 90/02/28 RUSSELL, W.T. Region 1, Ofc of the Director. 1p 52992-001-52992-336

9003130305 "New York Power Authority J.A. Fitzpatrick Nuclear Power Plant Effluent & Waste Disposal Semianual Rpt Jul-Dec 1989." \* New York Power Authority (formerly Power Authority of the State of New York) 89/12/31 109pp 52992-002-52992-110

9003130320 Rev 7 to "ODCM." \* New York Power Authority (formerly Power Authority of the State of New York) 89/12/20 226pp 52992-111-52992-336

9003260562 Monthly operating rpt for Feb 1990 for Fitzpatrick Nuclear Power Plant. W/900307 ltr. COOK, J., FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 90/02/28 5pp 53155-308-53155-312

#### S. Reportable occurrences, LERs & related correspondence

9002260545 LER 90-002-00 on 900215, reactor high pressure isolation logic tripped & isolated RHPR shutdown cooling sys B as sys being started Hydraulic pressure trans-sent suspected as cause Operating procedure revised W/900215 ltr. FISH, H.C., FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 90/02/15 5pp 52722-009-52722-013

9002260210 LER 89-022-01 on 891107, determined that elastomeric seals in 33 safety-related hydraulic snubbers not replaced Caused by inability to provide documentation of snubber replacement or rebuilding. Twenty-five snubbers replaced W/900216 ltr. FISH, H.C., FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 90/02/16 7pp 52988-355-52988-361

9003140397 LER 90-003-00 on 900129, when more accurate transmitters placed in svc, alter cal'br span values adjusted, indicated power exceeded core thermal power limit Caused by incomplete review of manual Transmitters recal'br W/900302 ltr. LYONS, J., FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 90/03/02 5pp 53006-083-53006-087

9003220137 LER 90-004-00 on 900207, isolation of RCIC sys occurred, resulting in initiation of 7-day limiting condition of operation Caused by failure of master trip unit Subj unit replaced W/900309 ltr. FISH, H.C., FERNANDEZ, W. New York Power Authority (formerly Power Authority of the State of New York) 90/03/09 5pp 53100-078-53100-080

9003210363 PNO-1 90-022 on 900312, determination of personnel skin contamination & overexposure to hand of 20-25 rem during 900308 contamination incident, exceeding 10CFR20 quarterly exposure limit. PASCIAK, W., MEYER, G. Region 1, Ofc of the Director. 90/03/12 2pp 53104-249-53104-250

#### U. Congressional/Executive Correspondence

9003090324 Partial response to FOIA request for document's Listed App B documents enclosed Apps A & B documents available in PDF. PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/28 WEBER, M.A. New York Newsday 18pp 52990-252-52990-264

9003120098 Forwards announcement that NRC cited util for alleged failure to adequately review safety sys change at facility. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/08/03. UDALL, M. House of Rep., Interior & Insular Affairs OTTINGER, R., MOFFETT, T. House of Rep. 1p 52990-297-52990-297

9003120104 Forwards correspondence re status of emergency planning around sites W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/08/26. OTTINGER, R.L. House of Rep., Energy & Commerce. 1p 52990-298-52990-298

9003120248 Forwards announcement that NRC has proposed fine of \$40,000 for alleged violations of safety requirements at facility. W/o encl. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/11/12. OTTINGER, R.L. House of Rep., Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p 52990-310-52990-310

#### V. Operator Examinations

9003160283 Forwards answer keys, grading results & individual answer sheets of examinations for generic fundamentals exam section of written operator licensing exam administered on 900207. GALLO, R.M. Region 1, Ofc of the Director. 90/03/05. SIMPSON, D. New York Power Authority (formerly Power Authority of the State of New York) 88pp 53032-256-53032-343

#### DOCKET 50-334 BEAVER VALLEY POWER STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002220635 Discusses 900110 safeguards event re 90-day cal'br test procedure for primary access facility firearms detector. Event downgraded to less significant category. SIEBER, J.D. Duquesne Light Co. 90/02/01 Document Control Branch (Document Control Desk) 2pp 52705-343-52705-344

9002270314 Forwards Final SALP Repts 50-334/88-99 & 50-412/88-99 for June 1988 - Aug 1989. Typos & editorial corrections made after review of encl 900103 response to SALP rpt list of meeting attendees & 891124 transmittal ltr also encl. RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/13 SIEBER, J.D. Duquesne Light Co. 3pp 52759-170-52759-211

9002270316 SALP Repts 50-334/88-99 & 50-412/88-99 for June 1988 - Aug 1989. \* Region 1, Ofc of the Director. 90/02/13. 35pp 52759-173-52759-211

9002270379 Forwards Combined Safety Insp Repts 50-334/89-23 & 50-412/89-22 on 891118-1231 & notice of violation. Response re failure to follow written procedures that apparently led to Unit 1 safety injection actuation requested. WENZINGER, E.C. Region 1, Ofc of the Director. 90/02/15 SIEBER, J.D. Duquesne Light Co. 2pp 52759-224-52759-243

9002270387 Combined Insp Repts 50-334/89-23 & 50-412/89-22 on 891118-1231 Violation noted. Major areas inspected: licensee actions on previous insp findings, plant operations, security, radiological controls, plant housekeeping & fire protection. YOUNG, F. Region 1, Ofc of the Director. 90/02/15 17pp 52759-227-52759-243

9002260531 Advises that util may decide to revise emergency operating procedure (EOP) procedure generation package (PGP) based on safety evaluation submitted via Unit 2 SSER 5 (NUREG-1057, Suppl 5) & insps but need not submit PGP rev to NRC. TAM, P.S. Project Directorate I-4. 90/02/16 SIEBER, J.D. Duquesne Light Co. 2pp 52747-333-52747-334

9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDF. PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/28 WEBER, M.A. New York Newsday 18pp 52990-252-52990-264

9003130577 Requests NRC consideration of encl constituent JM McHugh 891227 ltr to A.D. Arrate forwarding St Lawrence Environ Mgt Council 891215 ltr. NRC 890212 press release citing operators at eight plants for emergency planning violations also encl. D'AMATO, A.M. Senate. 90/01/24. KAMMERER, C. Congressional Affairs 7pp 52991-121-52991-172

9003270373 Forwards Safety Insp Repts 50-334/90-02 & 50-412/90-02 on 900101-0216 No violation noted. WENZINGER, E.C. Region 1, Ofc of the Director. 90/03/09 SIEBER, J.D. Duquesne Light Co. 2pp 53193-092-53193-108

9003270375 Insp Repts 50-334/90-02 & 50-412/90-02 on 900101-0216 No violations noted. Major areas inspected: actions on previous insp findings, plant operations, security, radiological controls, plant housekeeping & fire protection. HERNAN, R. Region 1, Ofc of the Director. 90/03/09. 15pp 53193-094-53193-108

#### P. Operating license stage documents & correspondence

9003140198 "Beaver Valley Station Unit 1 Cycle 8 Startup Test Rpt." W/900227 ltr. MOUL, D.A., DRUGAR, J., SIEBER, J.D. Duquesne Light Co. 90/01/31. 10pp 53023-085-53023-075

9003080473 Forwards update of status of actions to be taken at plant to meet requirements of Generic Ltr 88-14, "Instrument Air Sys Problems Affecting Safety-Related Equipment." SIEBER, J.D. Duquesne Light Co. 90/02/14. Document Control Branch (Document Control Desk) 7pp 52896-325-52896-331

9002260531 Advises that util may decide to revise emergency operating procedure (EOP) procedure generation package (PGP) based on safety evaluation submitted via Unit 2 SSER 5 (NUREG-1057, Suppl 5) & insps but need not submit PGP rev to NRC. TAM, P.S. Project Directorate I-4. 90/02/16. SIEBER, J.D. Duquesne Light Co. 2pp 52747-333-52747-334

9003010130 Advises that 900129 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," acceptable. TAM, P.S. Project Directorate I-4. 90/02/22. SIEBER, J.D. Duquesne Light Co. 2pp 52780-330-52780-331

9003210370 "Reactor Containment Bldg Integrated Leak Rate Test." W/900309 ltr. MANKOR, J., ZYRA, T.G., LACEY, W.S. Duquesne Light Co. 90/03/05 90pp 53098-328-53098-057

9003140205 Summary of 900222 meeting w/util re station blackout issues re alternate load mgt scheme. List of attendees, agenda & supporting documentation encl. ROSA, F. Electrical Systems Branch. 90/03/06. Electrical Systems Branch 15pp 53049-016-53049-030

9003150229 Notification of 900322 meeting w/util in Rockville, MD to discuss licensing issues. TAM, P.S. Project Directorate I-4. 90/03/08. STOLZ, J.F. Project Directorate I-4. 3pp 53025-059-53025-261

9003210018 Forwards understanding of current status of all unimplemented USIs for plant per Generic Ltr 89-21 & licensee 891127 response. TAM, P.S. Project Directorate I-4. 90/03/13. SIEBER, J.D. Duquesne Light Co. 3pp 53093-324-53093-328

**3140089** Generic Ltr 90-03 to all power reactor licensees & applicants re re-activation staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl  
ARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195 014-53195 089

**3230044** Reaffirms granting of temporary waiver of compliance w/Tech Spec 6.2.1, "On-site Power Distribution Sys." & informs of plan to issue amend to adopt Longhouse STS requirement upon expiration of comment period  
SIEBER, J.D. Assistant Director for Region 1 Reactors 90/03/21 SIEBER, J.D. Duquesne Light Co. 3pp. 53139 134-53139.136

#### Inspection reports, IE Bulletins & correspondence

**2260580** Responds to NRC 900111 ltr re violation noted in Insp Repts 50-334/89-22 50-412/89-21 Corrective actions inoperable train of cold overpressure protection sys stored to svc  
SIEBER, J.D. Duquesne Light Co. 90/02/12 Document Control Branch (Document Control Desk) 2pp 52721.039-52721.040

**2270314** Forwards Final SALP Repts 50-334/88-99 & 50-412/88-99 for June 1988 - Aug 1989. Types & editorial corrections made after review of encl 900103 response to SALP rept List of meeting attendees & 891124 transmittal ltr also encl  
JESSE, W.T. Reg on 1, Ofc of the Director 90/02/13 SIEBER, J.D. Duquesne Light Co. 3pp 52759.170-52759.211

**2270316** SALP Repts 50-334/88-99 & 50-412/88-99 for June 1988 - Aug 1989. Region 1, Ofc of the Director. 90/02/13 35pp 52759.173-52759.211

**2260253** Responds to NRC 900118 ltr re violations noted in Insp Repts 50-334/89-21 & 50-412/89-20 Corrective action maint & Insp control work package for second slide steam generator work tasks will be developed & implemented  
SIEBER, J.D. Duquesne Light Co. 90/02/15 Document Control Branch (Document Control Desk) 8pp 52739.180-52739.197

**2260296** Advises that 900130 response to NRC Bulletin 89-003, "Potential Loss of Acquired Shutdown Margin During Refueling Operations," acceptable  
M.P.S. Project Directorate 1-4 90/02/15 SIEBER, J.D. Duquesne Light Co. 2pp 5299.031-5299.032

**2270379** Forwards Combined Safety Insp Repts 50-334/89-23 & 50-412/89-22 on 891118-1231 & notice of violation Response re failure to follow written procedures at apparently led to Unit 1 safety injection actuation requested  
ENZINGER, E.C. Region 1, Ofc of the Director. 90/02/15 SIEBER, J.D. Duquesne Light Co. 2pp 52759.224-52759.243

**2270383** Notice of violation from Insp on 891118-1231 Violation noted: Train A of cold steam protection sys returned to svc w/o low pressurizer pressure & low steam pressure safety injection signals blocked  
Region 1, Ofc of the Director. 90/02/15 1p 52759.226-52759.226

**2270387** Combined Insp Repts 50-334/89-23 & 50-412/89-22 on 891118-1231 Violation noted: Major areas inspected: license actions on previous Insp findings, plant operations, security, radiological controls, plant housekeeping & fire protection  
JUNG, F. Reg on 1, Ofc of the Director. 90/02/15. 17pp. 52759.227-52759.243

**2280531** Advises that unit may decide to revise emergency operating procedure OP3 procedure generation package (PGP) based on safety evaluation submitted via net 2 SEER 5 (NUREG-1057, Suppl 5) & Insp but need not submit PGP row to NRC.  
M.P.S. Project Directorate 1-4 90/02/16 SIEBER, J.D. Duquesne Light Co. 2pp 52747.333-52747.334

**2270456** Forwards Insp Rept 50-334/90-04 on 900122-26 Enforcement conference 1 ba scheduled in Mar 1990 to discuss operation of 120-volt ac vital instrument bus degraded condition w/o restrictions  
ANE, W.F. Region 1, Ofc of the Director. 90/02/16 SIEBER, J.D. Duquesne Light Co. 2pp 52748.166-52748.185

**2270461** Insp Rept 50-334/90-04 on 900122-26 Unresolved item identified: Major areas inspected: operation of unit between 900114-19 w/required uninterruptible power supply 3 being out of svc  
JUNG, F. Region 1, Ofc of the Director. 90/02/13. 8pp. 52748.188-52748.195

**2180093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inlet 600." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776.262-52776.360

**3120354** Responds to NRC 900223 ltr re violations noted in Insp Rept 50-334/89-4 Corrective actions as result of unit evaluation of elbow-end preparation, welding & spool deviation from engineering specs found & violation should be withdrawn  
SIEBER, J.D. Duquesne Light Co. 90/02/23 Document Control Branch (Document Control Desk) 8pp. 52974.116-52974.124

**3070358** Forwards Insp Repts 50-334/89-80 & 50-412/89-80 on 890911-29 No violations or unresolved items noted: Response to weakness identified in Insp rept requested within 60 days of ltr receipt  
ODGES, M.W. Region 1, Ofc of the Director. 90/02/26 SIEBER, J.D. Duquesne Light Co. 2pp. 52853.085-52853.133

**303070368** Insp Repts 50-334/89-80 & 50-412/89-80 on 890911-29 No violations noted: Weaknesses noted: Major areas inspected: adequacy of program procedures, mats condition of facility equipment & observation of maint work in progress  
HAUDHARY, S.K., STROSNIDER, J. Region 1, Ofc of the Director. 90/02/22. 40pp 2853.087-52853.133

**3090324** Partial response to FOIA request for documents. Listed App B documents closed. Apps A & B documents available in PDR.  
HILIPS, J.D. Division of Freedom of Information & Publications Services (Post 90205) 90/02/28 WEBER, M.A. New York Newsday. 18pp. 52990.252-52990.284

**-9003130577** Requests NRC consideration of encl constituent JM McHugh 891227 ltr to A D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr NRC 820212 press release citing operators at eight plants for emergency planning violations also encl.  
D'AMATO, A.M. Senate 90/01/24 KAMMERER, C. Congressional Affairs 7pp 52991.121-52991.172

**9003120559** Forwards Safety Insp Repts 50-334/80-03 & 50-412/80-03 on 900122-26 No violations noted: Corrective actions re problems experienced w/aluminum cables require further mgmt attention & will be reviewed during future Insp.  
DARR, J.P. Region 1, Ofc of the Director. 90/02/27 SIEBER, J.D. Duquesne Light Co. 2pp. 52974.125-52974.131

**-9003120561** Insp Repts 50-334/80-03 & 50-412/80-03 on 900122-26 No violations noted: Major areas inspected: review of status of two previously identified open items & adequacy of licensee corrective actions  
DELLA GRECA, A., ANDERSON, C.J. Region 1, Ofc of the Director. 90/02/28 5pp 52974.127-52974.131

**9002230283** NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52776.163-52776.261

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52844.031-52844.089

**9003070236** Forwards request for add info re Unit 890811 second 10-yr interval Insp program plan, Rev 1 & associated reltr request Response to encl questions should be submitted within 45 days of ltr receipt  
TAM, P.S. Project Directorate 1-4 90/03/01 SIEBER, J.D. Duquesne Light Co. 7pp 52891.049-52891.055

**9003160139** Responds to NRC 900131 ltr re violations noted in Insp Repts 50-334/90-05 & 50-412/90-04 Requests withdrawal of violation re stated transport problem & reclassification as noncompliance per 10CFR42 App C, Section G  
SIEBER, J.D. Duquesne Light Co. 90/03/02 Document Control Branch (Document Control Desk) 4pp 53041.356-53041.360

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp 52844.100-52844.198

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.F. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/08 Consolidated Edison Co. of New York, Inc. 89pp 52997.001-52997.094

**9003190160** Ack receipt of 900215 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-334/89-21 & 50-412/89-20  
RELLAMY, R.R. Region 1, Ofc of the Director. 90/03/06 SIEBER, J.D. Duquesne Light Co. 2pp 53047.263-53047.273

**9003190317** Notification of 900314 Enforcement Conference Meeting 90-042 In Krg of Prussia, PA re operability of uninterruptible ac vital buses.  
HERNAN, R. Region 1, Ofc of the Director. 90/03/08 Region 1, Ofc of the Director. 2pp 53050.313-53050.314

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.F. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 89pp 52997.095-52997.189

**9003010227** NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997.288-52998.018

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844.199-52844.298

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52963.098-52963.199

**9003050043** NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52863.200-52863.299

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963.300-52964.048

**9003200237** Responds to NRC 900207 ltr re deviations noted in Insp Repts 50-334/89-25 & 50-412/89-23 Corrective actions written request initiated to identify Unit 2 post-accident monitoring recorders in control room & recorders labeled.  
SIEBER, J.D. Duquesne Light Co. 90/03/09 Document Control Branch (Document Control Desk) 4pp 53077.358-53077.381

**9003270373** Forwards Safety Insp Repts 50-334/80-02 & 50-412/80-02 on 900101-0216 No violations noted.  
WENZINGER, E.C. Region 1, Ofc of the Director. 90/03/09 SIEBER, J.D. Duquesne Light Co. 3pp 53193.092-53193.108

**-9003270375** Insp Repts 50-334/90-02 & 50-412/90-02 on 900101-0216 No violations noted: Major areas inspected: actions on previous Insp findings, plant operations, security, radiological controls, plant housekeeping & fire protection  
HERNAN, R. Region 1, Ofc of the Director. 90/03/09. 15pp 53193.094-53193.108



9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl  
ROSSIC E Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc 98pp 52597 150-52597 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Crane Box Bow" Svc list encl  
ROSSIC E Division of Operational Events Assessment (Post 870411) 90/03/20  
Consolidated Edison Co. of New York, Inc 98pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc list encl  
CUNY, NICHAMRE Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/22 Consolidated Edison Co. of New York, Inc 91pp 53166 057-53166 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl  
ROSSIC E Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc 100pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units" Svc list encl  
ROSSIC E Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc 102pp 53165 067-53165 168

#### R. Periodic operating reports & related correspondence

9003070326 Forwards NPDES Discharge Monitoring Repts for Nov 1989, for Permits PA0025615 & PA0001589 & 691220 ltr  
CRUGA R J Duquesne Light Co 69/12/20 Document Control Branch (Document Control Desk) 3pp 52816 320-52816 343

-9001050085 NPDES Monthly Monitoring Rept for Nov 1989  
CRUGA R J Duquesne Light Co 89/11/30 18pp 52816 323-52816 339

-9003070333 NPDES Discharge Monitoring Rept for Nov 1989  
CRUGA R J Duquesne Light Co 89/11/30 3pp 52816 340-52816 343

9003050094 "Annual Rept of Number of Personnel Receiving Greater Than 100 MREM & Associated Exposure by Work Function at Beaver Valley Power Station for CY89" W/900226 ltr  
SEBER, J D Duquesne Light Co 89/12/31 3pp 52836 286-52836 289

9003120091 "Beaver Valley Power Station Units 1 & 2 Semiannual Effluent Release Rept for 6 Month Period Jul-Dec 1989" W/900223 ltr  
SEBER, J D Duquesne Light Co 69/12/31 85pp 52975 215-52975 301

9002270389 Monthly operating repts for Jan 1990 for Beaver Valley Power Station Units 1 & 2 W/900209 ltr  
WINGER, M A, SEBER, J D Duquesne Light Co 90/01/31 10pp 52744 351-52744 360

9003120704 "NPDES Discharge Monitoring Rept for Jan 1990" W/900222 ltr  
DULICK, A M Duquesne Light Co 90/01/31 24pp 52973 340-52973 393

9003120035 Submits annual rept of all challenges to pressurizer PORVs or safety valves for 1989. No challenges occurred in either unit.  
SEBER, J D Duquesne Light Co 90/02/28 Document Control Branch (Document Control Desk) 1p 52975 212-52975 212

9003160188 Monthly operating repts for Feb 1990 for Beaver Valley Units 1 & 2 W/900307 ltr  
WINGER, M A, SEBER, J D Duquesne Light Co 90/02/28 5pp 53047 310-53047 318

#### S. Reportable occurrences, LERs & related correspondence

9002270257 LER 90-002-00 on 900114, 120-volt ac inverter for vital bus 3 experienced blown dc input fuse when inverter bypassed & signed to 480-volt ac emergency power. Caused by mgt action. Administrative guidance issued W/900220 ltr.  
NOONAN, T P Duquesne Light Co 90/02/20 5pp 52747 174-52747 178

9003020075 Part 21 rept re ABB 27/59 Relay Catalog Series 2111 Solder connections to printed wiring runs on bottom of circuit board deteriorated due to thermal stress. No actual failure occurred & relays to be changed at next outage.  
KAISER, A F ASEA Brown Boveri, Inc 90/02/22 BERLINGER, C Office of Nuclear Reactor Regulation, Director (Post 870411) 3pp 52798 341-52798 343

9003070020 Part 21 rept re solder connections in ABB 27/59 relays deteriorated due to thermal stress, causing bonding of printed wiring pattern to glass epoxy circuit board. Interim circuit board w/ larger pads & higher wattage will be used.  
KAISER, A F ASEA Atom, Inc 90/02/22 BERLINGER, C Generic Communications Branch 3pp 52868 207-52868 208

9003050005 LER 90-004-00 on 900124 discovered that control rod positions not recorded on operator logs on 890425 when control rod insertion limit monitor & deviation alarm out of svc. Cause not stated. Personnel counseled W/900223 ltr.  
NOONAN, T P Duquesne Light Co 90/02/23 4pp 52829 191-52829 194

9003200033 LER 90-003-01 on 900110, determined that recirculation spray HX river water radiation monitor sample line lacked automatic remote manual or locked shut containment isolation valve. Request for exemption submitted to NRC W/900308 ltr.  
NOONAN, T P Duquesne Light Co 90/03/08 5pp 53053 018-53053 022

#### DOCKET 50-335 ST. LUCIE PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9003260005 "Florida Power & Light Co St Lucie Power Plant 1990 Evaluated Exercise Scenario Package 900124." Florida Power & Light Co 90/01/24 269pp 53174 252-53174 180

9002270058 Forwards Rev 25 to physical security plan Rev withering 10CFR2750(a)(3)  
SAGER, D A Florida Power & Light Co 90/02/22 Document Control Branch (Document Control Desk) 2pp 52759 019-52759 019

9003080110 Notifies that followup actions completed on schedule & incorporated into Rev 25 to plant physical security plan per NRC 890605 request.  
SAGER, D A Florida Power & Light Co 90/02/26 Document Control Branch (Document Control Desk) 1p 52697 021-52697 021

9003070278 Summary of 900228 meeting w/ unit in Rockville MD re safety issues. Meeting also served as quarterly update rept list of attendees and NORRIS, J A Project Directorate II-2 90/03/02 Project Directorate II-2 52863 320-52863 322

9003150418 Forwards response to eight audit questions & licensing bases criteria to solve station blackout issue. Currently has procedures to mitigate effects of hurricanes & tornadoes which meet or exceed NUMARC 87-00 guidelines.  
SAGER, D A Florida Power & Light Co 90/03/07 Document Control Branch (Document Control Desk) 55pp 53024 328-53025 058

-9003210138 Rev 17 to EPIP 3100024E, "Natural Emergencies."  
HARRIS, K N Florida Power & Light Co 89/08/08 11pp 53025 014-53025 034

9003150436 Rev 18 to EPIP 3100022E, "Classification of Emergencies" W/ 900307 ltr.  
HARRIS, K N SAGER, D A Florida Power & Light Co 90/03/07 24pp 53029 225-53029 249

9003210023 Forwards Insp Repts 50-335/90-03 & 50-389/90-03 on 50205-06 ltr re "atons or deviations noted"  
JULIAN, C A Region 2, Oic of the Director 90/03/07 GOLDBERG, J H Florida Power & Light Co 3pp 53099 334-53099 345

-9003210025 Insp Repts 50-335/90-03 & 50-389/90-03 on 800205-39 No violations or deviations noted. Major areas inspected: fire protection.  
HARRIS, J A, CONLON, T E Region 2, Oic of the Director 90/03/07 9pp 53099 337-53099 345

#### J. Insurance & indemnity information

9003220222 Provides listing of property insurance programs.  
ACOSTA, R J Florida Power & Light Co 90/03/13 Document Control Branch (Document Control Desk) 2pp 53123 148-53123 149

#### P. Operating license stage documents & correspondence

9002160171 Identifies licensees requesting delays in submitting individual plant examination.  
TAYLOR, J M Oic of the Executive Director for Operations SECY-90-039 90/02/07 4pp 53045 355-53045 358

9003080450 Application for amendments to Licenses DPH-87 & NPF-16, revising Tech Specs to determine control element assembly operability from at least once per 31 days to once per 92 days.  
GOLDBERG, J H Florida Power & Light Co 90/02/12 Document Control Branch (Document Control Desk) 4pp 52894 083-52894 075

-9003080453 Proposed Tech Specs re surveillance requirements for control element assemblies.  
Florida Power & Light Co 80/02/12 8pp 52894 067-52894 075

9003020227 Forwards summary of testing & test results from study conducted on 891004-06 of plant spent fuel pool, per performance demonstrations & integrity assessment testing.  
SAGER, D A Florida Power & Light Co 90/02/19 Document Control Branch (Document Control Desk) 5pp 52799 104-52799 100

9002280046 Advises that 900125 response to Generic Ltr 89-13 re svc water system problems acceptable.  
NORRIS, J A Project Directorate II-2 90/02/22 GOLDBERG, J H Florida Power & Light Co 2pp 52778 243-52778 244

9003080492 Provides addl info re proposed license amendments re moderator temp coefficient surveillance requirements per 891026 & 900109 ltr cons.  
SAGER, D A Florida Power & Light Co 90/02/26 Document Control Branch (Document Control Desk) 17pp 53047 001-53047 017

9003140395 Requests approval to use Code Case N-468 at plants.  
GOLDBERG, J H Florida Power & Light Co 90/02/27 Document Control Branch (Document Control Desk) 2pp 53001 282-53001 293

9003120461 Forwards details of anonymous Allegation RII 89-A-0025. Review requested Encl withheld (ref 10CFR2750(a)(8)(7)).  
REYES, L A Region 2, Oic of the Director 90/02/28 GOLDBERG, J H Florida Power & Light Co 3pp 52968 160-52968 162

9003090155 Responds to Generic Ltr 80-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Info covers time spent by key power plant managers in responding to operational insps & audits.  
GOLDBERG, J H Florida Power & Light Co 90/03/01 Document Control Branch (Document Control Desk) 12pp 52950 045-52950 058

9003150418 Forwards response to eight audit questions & licensing bases criteria to solve station blackout issue. Currently has procedures to mitigate effects of hurricanes & tornadoes which meet or exceed NUMARC 87-00 guidelines.  
SAGER, D A Florida Power & Light Co 90/03/07 Document Control Branch (Document Control Desk) 55pp 53024 328-53025 058

-9003210138 Rev 17 to EPIP 3100024E, "Natural Emergencies."  
HARRIS, K N Florida Power & Light Co 89/08/08 11pp 53025 014-53025 034

-9003210143 Rev 10 to Emergency Procedure 1-0030143, "Total Loss of ac Power."  
Florida Power & Light Co 90/03/07 18pp 53025 035-53025 058



150448 Forwards revised Tech Specs re steam generator tube repairs, per 890802 con & subsequent discussions w/NRC  
GOLDBERG, J.H. Florida Power & Light Co. 90/03/08 Document Control Branch (Document Control Desk). 2pp. 53030 267-53030 273

15150449 Revised proposed Tech Specs re steam generator tube repairs  
Florida Power & Light Co. 90/03/08 5pp. 53030 269-53030 273.

160041 Forwards list representing assessment of USI implementation at NRC. Results of assessment presented to Commission at 900214 meeting  
FARRIS, J.A. Project Directorate II.2 90/03/08 GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53060 097-53060 099

160481 Application for amend to License DPR 67, modifying local power density/ trip safety sys setpoints to permit axial shape index limits expansion.  
GOLDBERG, J.H. Florida Power & Light Co. 90/03/09 Document Control Branch (Document Control Desk) 3pp. 53020 250-53020 270

15150482 Proposed Tech Specs re local power density - high trip setpoint, peripheral axial shape index & axial shape index limits expansion  
Florida Power & Light Co. 90/03/09 18pp. 53020 253-53020 270

160484 Submits results of investigation of error detected in dose assessment during 900124 NRC evaluated exercise at plant. Operator error caused keyboard setup requiring computer restart  
OSTAR, J. Florida Power & Light Co. 90/03/09 Document Control Branch (Document Control Desk) 7pp. 53020 014-53020 020

150488 Application for amend to License DPR 67, revising Tech Specs 2.2.1, "Reactor Trip Setpoints" & 3/4.3.2, "ESFAS Instrumentation" to lower steam generator low trip setpoint to plus or minus 20.5% range  
GOLDBERG, J.H. Florida Power & Light Co. 90/03/09 Document Control Branch (Document Control Desk) 3pp. 53020 272-53020 310

3150489 Proposed Tech Specs re reactor protection instrumentation trip setpoint times, ESF response times & ESFAS instrumentation trip values  
Florida Power & Light Co. 90/03/09. 36pp. 53020 275-53020 310

260394 Forwards response to Generic Ltr 89-19, "Request for Action to Resolution USI A-47, 'Safety Implications of Control Sys in LWR Nuclear Power Plants,'" per CFR 50.54(f)  
GOLDBERG, J.H. Florida Power & Light Co. 90/03/19 Document Control Branch (Document Control Desk) 8pp. 53149 123-53149 130

140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components" Svc list encl.  
TLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195 089

#### Inspection reports, IE Bulletins & correspondence

200304 Forwards Requalification Exam Rept 50-335/OL-89-02 on 891113-27. Requalification program satisfactory.  
EBLES, T.A. Region 2, Ofc of the Director. 90/01/24. WOODY, C.O. Florida Power & Light Co. 2pp. 53070 062-53070 232.

3200305 Requalification Exam Rept 50-335/OL-89-02 on 891113-27. Exam results: all reactor operator candidates passed exam. Three senior reactor operator candidates failed exams & seven passed. Four crews rated as satisfactory.  
STO, C.A., PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/24. 185pp. 570 064-53070 232.

260301 Forwards Insp Repts 50-335/89-30 & 50-389/89-30 on 891212-900108. No violations or deviations noted.  
KULE, M.V. Region 2, Ofc of the Director. 90/02/07. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52748 001-52748 016

2260307 Insp Repts 50-335/89-30 & 50-389/89-30 on 891212-900108. No violations or deviations noted. Major areas inspected: plant operations review, maintenance, surveillance observations & review of nonroutine events.  
ROD, S.A., SCOTT, M.A., CRENJAK, R.V. Region 2, Ofc of the Director. 90/02/07 3p. 62748 004-52748 016.

080379 Summarizes 891222 meeting w/utl in Region II ofc to discuss findings documented in operator requalification Exam Rept 50-335/OL-89-02 Agenda, viewgraphs list of attendees encl.  
NETER, S.D. Region 2, Ofc of the Director. 90/02/20. GOLDBERG, J.H. Florida Power & Light Co. 16pp. 52858 277-52858 291.

020142 Responds to violations noted in Insp Repts 50-335/89-29 & 50-389/89-29. Corrective actions until shifted responsibility for all limit torque maint to one dept & unselected personnel in adherence to procedures.  
GOLDBERG, J.H. Florida Power & Light Co. 90/02/22 Document Control Branch (Document Control Desk). 3pp. 52798 257-52798 259.

060115 Responds to violations noted in Insp Repts 50-335/89-24 & 50-389/89-24. Corrective actions applicable procedures changed to clarify which spaces & blocks required to be completed on plant work order & QC supervisor counseled.  
GOLDBERG, J.H. Florida Power & Light Co. 90/02/22 Document Control Branch (Document Control Desk). 3pp. 52855 352-52855 354.

160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inlet 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52778 262-52778 360.

230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52778 183-52778 261.

230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 88pp. 52844 001-52844 089.

9003090155 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
GOLDBERG, J.H. Florida Power & Light Co. 90/03/01 Document Control Branch (Document Control Desk) 12pp. 52950 045-52950 056

9003120487 Confirms Operational Safety Team insp of plant during wks of 900423-27 & 0507-11. Mats that need to be available for insp identified in encl.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/03/01 GOLDBERG, T.A. Florida Power & Light Co. 5pp. 52971 345-52971 350.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844 100-52844 198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997 001-52997 094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997 095-52997 188.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997 268-52997 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844 189-52844 288.

9003210023 Forwards Insp Repts 50-335/90-03 & 50-389/90-03 on 900205-09. No violations or deviations noted.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/03/07. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53099 334-53099 345.

9003210025 Insp Repts 50-335/90-03 & 50-389/90-03 on 900205-09. No violations or deviations noted. Major areas inspected: fire protection.  
FARRIS, J.R., CONLON, T.E. Region 2, Ofc of the Director. 90/03/07. 9pp. 53099 337-53099 345.

9003210049 Forwards Insp Repts 50-335/90-04 & 50-389/90-04 on 900205-09. No violations or deviations noted.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/03/07. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53112 129-53112 137.

9003210054 Insp Repts 50-335/90-04 & 50-389/90-04 on 900205-09. No violations or deviations noted. Major areas inspected: design control & corrective action. Design controls & plant support adequate as noted by stated demonstrations.  
MOORE, R., THOMAS, M., JAFFE, F. Region 2, Ofc of the Director. 90/03/01. 6pp. 53112 132-53112 137.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963 098-52963 199

9003210053 Forwards Insp Repts 50-335/90-05 & 50-389/90-05 on 900212-16. No violations or deviations noted.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/03/08. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53104 194-53104 206.

9003210056 Insp Repts 50-335/90-05 & 50-389/90-05 on 900212-16. No violations or deviations noted. Major areas inspected: Inservice insp, including observation of work & work activities & review of previous insp findings.  
COLEY, J.L., BLAKE, J.J. Region 2, Ofc of the Director. 90/03/08. 10pp. 53104 197-53104 206.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963 200-52963 299.

9003050146 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963 300-52963 046.

9003210334 Ack receipt of 900222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-335/89-24 & 50-389/89-24. Implementation of corrective actions will be examined during future insps.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/03/09. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53104 255-53104 257.

9003220147 Ack receipt of 900222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-335/89-29 & 50-389/89-29. Response meets requirements of 10CFR2.201.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/03/12. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53126 154-53126 156.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 89pp. 52997 190-52997 287.

9003210033 Forwards Insp Repts 50-335/90-02 & 50-389/90-02 on 900109-0212 & notice of violation.  
REYES, L.A. Region 2, Ofc of the Director. 90/03/14. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53093 253-53093 278.

-9003210038 Notice of violation from insp on 900109-0212 Violation noted failure to implement Procedure OP 2.0030124 Rev 31 & failure to establish or schedule preventative maintenance for 2C auxiliary feedwater pump governor  
REYES, L.A. Region 2, Ofc of the Director. 90/03/14 3pp 53093 256-53093 258

-9003210041 Insp Repts 50-335/90-02 & 50-389/90-02 on 900109-0212 Violations noted Major areas inspected plant operations review, maintenance observations, surveillance observations safety sys inspection review of special repts & nonroutine events  
ELROD, S.A., SCOTT, M.A., CRLENJAK, R.V. Region 2, Ofc of the Director. 90/03/14 20pp 53093 259-53093 278

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc 98pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc 81pp 53166 057-53166 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc 100pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemont Transformer Trip Units." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc 102pp 53165 037-53165 109

## R. Periodic operating reports & related correspondence

9003060110 "1989 Annual Operating Rept for St Lucie Units 1 & 2 & Steam Generator Inservice Insp Rept." W/900227 ltr  
SAGER, D.A. Florida Power & Light Co 89/12/31 83pp 52653 001-52653 084

9003080363 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989." W/900301 ltr  
SAGER, D.A. Florida Power & Light Co 89/12/31 27pp 52923 097-52923 123

9003160059 "Recorded Annual Whole Body Exposure for CY83." W/900221 ltr  
SAGER, D.A. Florida Power & Light Co 89/12/31 2pp 53042 120-53042 121

9002260449 Monthly operating repts for Jan 1990 for St Lucie Units 1 & 2 W/900215 ltr  
BONNETT, D.M., SAGER, D.A. Florida Power & Light Co 90/01/31 10pp 52738 334-52738 343

9003160318 Monthly operating repts for Feb 1990 for St Lucie Units 1 & 2 W/900307 ltr  
BONNETT, D.M., SAGER, D.A. Florida Power & Light Co 90/02/28 9pp 53036 024-53036 032

## S. Reportable occurrences, LERs & related correspondence

9003060224 LER 90-001-00 on 900124 discovered low steam generator pressure trip to main steam isolation signal setpoint below Tech Spec min value. Caused by procedure error in setpoint adjustment. Pressure input settings adjusted W/900221 ltr  
WEEKS, L.W., SAGER, D.A. Florida Power & Light Co 90/02/21 4pp 52998 025-52998 028

9003150424 LER 90-002-00 on 900207 discovered that weekly surveillance on 125-volt batteries 1A & 1B not performed on 900130 Caused by personnel error due to improper turnover to relieving supervisor. Surveillance procedure revised W/900307 ltr  
NEELY, L.W., SAGER, D.A. Florida Power & Light Co 90/03/07 4pp 53006 111-53006 114

9003260543 LER 90-003-00 on 900219 Channel MC received spurious alarm & containment isolation signal (CIS) actuated Caused by external voltage perturbation on 240-kV transmission lines. Proper operation of CIS verified W/900309 ltr  
NEELY, L.W., SAGER, D.A. Florida Power & Light Co 90/03/09 4pp 53165 133-53165 138

9003270063 NPDES noncompliance notification on 900212 fishkill observed in intake canal of plant Caused by depletion of dissolved O2 in event of closure of 16 ft diameter ocean intake pipe, sluice gate will be gradually raised assuming adequate O2  
SAGER, D.A. Florida Power & Light Co 90/03/13 3pp 53164 186-53164 188

## U. Congressional/Executive Correspondence

9003030324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday 18pp 52990 252-52990 284

-9003120187 Forwards announcement that subcommittee of ACRS will hold technical meeting on plant W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/10/14 OTTINGER, R.L. House of Rep., Energy & Commerce, SIMPSON, A. Senate UDALL, M. House of Rep. 1p 52990 304-52990 304

## V. Operator Examinations

9003200304 Forwards Requalification Exam Rept 50-335/OL-89-02 on 891113-27 Requalification program satisfactory  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/24 WOODY, C.O. Florida Power & Light Co 2pp 53070 062-53070 232

-9003200305 Requalification Exam Rept 50-335/OL-89-02 on 891113-27 Exam results all reactor operator candidates passed exam. Three senior reactor operator candidates failed exams & seven passed. Four crews rated as satisfactory  
CASTO, C.A., PEEBLES, T.A. Region 2, Ofc of the Director. 90/01/24 185pp 53070 064-53070 232

9003080379 Summarizes 891222 meeting w/utl in Region II ofc to discuss findings documented in operator requalification Exam Rept 50-335/OL-89-02 Agenda, viewpoints & list of attendees encl  
EBNETER, S.O. Region 2, Ofc of the Director. 90/02/20 GOLDBERG, J.H. Florida Power & Light Co 15pp 52856 277-52856 291

## DOCKET 50-336 MILLSTONE NUCLEAR POWER STATION, UNIT 2

### F. Security, medical, emergency & fire protection plans

9002220485 Executed Rev 9 to EPIP Form 4701-4, "Reportability." Initial submittal enclosed w/o signature  
SCACE, S. Northeast Utilities 90/02/09 18pp 52706 018-52706 035

9003160058 Rev 9 to EPIP Form 4701-4, "Reportability."  
SCACE, S. Northeast Nuclear Energy Co. (subs of Northeast Utilities) 90/02/09 22pp 53040 143-53040 164

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday 11pp 52990 252-52990 284

-9003130577 Requests NRC consideration of encl constituent JM McHugh 891227 ltr to A D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr NRC 820212 press release citing operators at eight plants for emergency planning violations also encl  
D'AMATO, A.M. Senate 90/01/24 KAMMERER, C. Congressional Affairs 7cc 52991 121-52991 172

9003160080 Revised CIPs, including Rev 6 to EPIP 4301, Rev 8 to EPIP 4610 & Rev 5 to EPIP 4613  
SCACE, S. Northeast Nuclear Energy Co. (subs of Northeast Utilities) 90/03/06 34pp 53049 189-53049 222

9003200425 Forwards Safety Insp Rept 50-336/89-24 on 891205 900119 & notice of violation  
WENZINGER, E.C. Region 1, Ofc of the Director. 90/03/09 MROCZKA, E.J. Northeast Nuclear Energy Co. (subs of Northeast Utilities) 3pp 53079 144-53079 176

-9003200428 Insp Rept 50-336/89-24 on 891205 900119 Violation noted Major areas inspected plant operations, maintenance, surveillance, radiological controls, engineering, technical support, safety assessment/quality verification, security & LERs  
HAVERKAMP, D.H. Region 1, Ofc of the Director. 90/03/08 29pp 53079 148-53079 176

### H. General correspondence

9003260185 Responds to TC Reynolds 900105 ltr forwarding WD Del Core 900104 ltr regarding discrimination cases before Dept of Labor. NRC will monitor licensee delegation processing program to ensure program responsive & thorough  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/03/13 LIEBERMAN, J.I. Senate 6pp 53149 171-53149 181

-9003260189 Forwards DW Del Core ltr raising concerns w/mgt & safety practices at facility & Dept of Labor decision re discrimination. Recommends that subcommittee be formed to investigate protection of whistleblowers  
REYNOLDS, D.S. Senate 90/02/05 RATHBUN, D.K. NRC - No Detailed Action Given 5pp 53149 177-53149 181

### P. Operating license stage documents & correspondence

9002160171 Identifies licensees requesting delays in submitting individual plant examination results  
TAYLOR, J.M. Ofc of the Executive Director for Operations SECY-90-039 90/02/07 4pp 53045 355-53045 358

9002260566 Ack receipt of listed invoices for costs incurred during routine reviews of plant  
MROCZKA, E.J. Northeast Utilities, MROCZKA, E.J. Connecticut Yankee Atomic Power Co, MROCZKA, E.J. Northeast Nuclear Energy Co. (subs of Northeast Utilities) 90/02/15 Document Control Branch (Document Control Desk) 2pp 52722 668-52722 087

9003010242 Forwards request for addl info re utl 881101 response to Generic Ltr 88-11, "Radiation Embrittlement of Reactor Vessel Metals." Response requested within 45 days from receipt of ltr  
VISSING, G.S. Project Directorate I-4 90/02/22 MROCZKA, E.J. Connecticut Yankee Atomic Power Co 3pp 52786 021-52786 023

9003060288 Advises that payment of 10CFR170 fees for Invoice 10577 will be forwarded to Ofc of Resource Mgt  
MROCZKA, E.J., SEARS, C.F. Connecticut Yankee Atomic Power Co, MROCZKA, E.J. Northeast Nuclear Energy Co. (subs of Northeast Utilities) 90/02/23 Document Control Branch (Document Control Desk) 1p 52855 350-52855 350

9003020259 Notification of 900305 meeting w/utl in Rockville, MD to discuss status of licensing activities for facility  
JAFFE, D.H. Project Directorate I-4 90/02/26 STOLZ, J.F. Project Directorate I-4 4pp 52789 111-52789 114

9003080471 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Approx two NRC team insps conducted at facilities each yr. Two SSFIs conducted in 1988  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co, MROCZKA, E.J. Northeast Nuclear Energy Co. (subs of Northeast Utilities) MROCZKA, E.J. Northeast Utilities 90/03/01 Document Control Branch (Document Control Desk) 39pp 52893 135-52893 173

**03140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-089.

#### Inspection reports, IE Bulletins & correspondence

**03060050** Forwards until 900131 draft ltr containing steam generator tube inspection results in preparation for 900222 meeting  
VASS, H.G.S. Project Directorate I-4. 90/02/05. WICHMAN, K., MURPHY, E., CHENG, C.Y. NRC - No Detailed Affiliation Given. 20pp. 52056-108-52056-127

**02220526** Forwards safety assessment of odd cycle turbine testing insp of unit steam generators. Continued operation through current Cycle 10 fully justified  
MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) MROCKZKA, E.J. Northeast Utilities. 90/02/07. RUSSELL, W.T. Region 1, Ofc of the Director. 19pp. 52714-148-52714-166.

**03010144** Notification of Enforcement Conference 90-18 on 900220 w/Unit in King of Prussia PA re transportation violation  
HAVERKAMP, D.R. Region 1, Ofc of the Director. 90/02/13. Region 1, Ofc of the Director. 2pp. 52815-333-52815-334

**02160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776-262-52776-360.

**03090316** Forwards Enforcement Conference Repts 50-245/90-03, 50-336/90-04 & 50-423/90-03 on 900220 Conference given opportunity to refute any discrepant insp findings & discuss short & long-term corrective actions for violation  
NAPPM, M.R. Region 1, Ofc of the Director. 90/02/26. MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 52954-336-52954-359.

**003090326** Enforcement Conference Insp Repts 50-245/90-03, 50-336/90-04 & 50-423/90-03 on 900220 Major areas discussed sh/ment of underwelder shear collar  
UR, A.J., BORES, R. Region 1, Ofc of the Director. 90/02/22. 20pp. 52954-340-52954-359

**03090324** Partial response to FOIA request for documents. Listed App B documents included Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 90205) 90/02/26. WEBER, M.A. New York Newsday. 18pp. 52990-252-52990-284

**003130577** Requests NRC consideration of encl consultant, JM McHugh 891227 ltr to A D'Amato forwarding St Lawrence Environ Mgt Council 891215 ltr NRC 820212 re: release of cooling operators at eight plants for emergency planning violations also incl  
AMATO, A.M. Senate 80/01/24. KAMMERER, C. Congressional Affairs. 7pp. 52991-121-52991-172

**03070316** Discusses Safety Insps 50-245/89-23, 50-336/89-22 & 50-423/89-23 on 900606-1020 & 891128-900104 & forwards notice of violation  
WENZINGER, E.C. Region 1, Ofc of the Director. 90/02/27. MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52008-358-52008-360

**03070323** Notice of violation from insp on 890906-1020 & 891128-900104 Violation noted: licensee shipped box as limited quantity of radioactive materials to facility w/external radiation level on bottom of box greater than 0.5 mrem  
Region 1, Ofc of the Director. 90/02/27. 1p. 52888-360-52888-360.

**02230283** NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-261.

**02230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844-001-52844-099.

**03080471** Responds to Generic Ltr 90-01, "Request for Voluntary Participation in IIRC Regulatory Impact Survey." Approx two NRC team insps conducted at facilities each yr. Two SSFIs conducted in 1988.  
MROCKZKA, E.J. Connecticut Yankee Atomic Power Co. 90/03/01. Document Control Branch (Document Control Desk). 38pp. 52893-135-52893-173.

**02270389** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844-100-52844-198

**02260081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl  
JUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-094.

**03010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl  
JUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189

**03010227** NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl  
HANSART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 70413) 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-2998-018.

**03010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative Fasteners." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-298.

**03020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-096-52963-199.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-299.

**9003050148** NRC Bulletin 90-001, "Loss of F1-O1 in Transmitters Mfg by Rosemount." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52963-300-52964-048.

**9001160286** Forwards Insp Rept 50-336/90-02 on 900123-28 No violations noted  
DURR, J.P. Region 1, Ofc of the Director. 90/03/09. MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 53041-167-53041-177

**9003160289** Insp Rept 50-336/90-02 on 900123-28 No violations noted. Major areas inspected: allocations associated w/acoustic valve monitoring sys & licensee responses to IE Bulletin 83-08  
CHEUNG, L., ANDERSON, C.J. Region 1, Ofc of the Director. 90/03/08. 9pp. 53041-169-53041-177

**9003200425** Forwards Safety Insp Rept 50-336/89-24 on 891205-900119 & notice of violation  
WENZINGER, E.C. Region 1, Ofc of the Director. 90/03/09. MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 53078-144-53079-176.

**9003200427** Notice of violation from insp on 891205-900119 Violation noted: no containment radiation gaseous or particulate monitor operable for over 24 h  
Region 1, Ofc of the Director. 90/03/09. 1p. 53079-147-53079-147

**9003200428** Insp Rept 50-336/89-24 on 891205-900119 Violation noted. Major areas inspected: plant operations maint/surveillance, radiological controls, engineering/technical support, safety assessment/quality verification, security & I&ERs  
HAVERKAMP, D.R. Region 1, Ofc of the Director. 90/03/08. 28pp. 53079-148-53079-176

**9003200417** Responds to NRC 900202 ltr re violations noted in Insp Rept 50-245/89-21 Corrective actions re: Storeroom Instruction ST-013, "Mail Storage Requirements" developed to provide aid/guidance to stores personnel  
MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKZKA, E.J. Northeast Utilities. 90/03/12. RUSSELL, W.T. Region 1, Ofc of the Director. 5pp. 53077-194-53077-198.

**9003080213** NRC Info Notice 90-010, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-180-52997-287.

**9003200109** Responds to NRC 900110 ltr re violations noted in Insp Repts 50-245/89-25 & 50-336/89-23 Corrective actions: plant check valve design review completed & results factored into development of enhanced preventive maintenance procedures  
MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKZKA, E.J. Northeast Utilities. 90/03/16. Document Control Branch (Document Control Desk). 2pp. 53147-024-53147-025

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Blow." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

**9003160306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

#### R. Periodic operating reports & related correspondence

**9003060301** "Haddam Neck Plant & Milstone Station Units 1, 2 & 3 Annual Rept for 1989." W/900221 ltr  
MROCKZKA, E.J. Connecticut Yankee Atomic Power Co. MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKZKA, E.J. Northeast Utilities. 89/12/31. 547pp. 52848-200-52851-125.

**9003160272** "Semiannual Rad. effluents Rept for Jul-Dec 1989." W/900228 ltr  
MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKZKA, E.J. Northeast Utilities. 89/12/31. 94pp. 53028-001-53028-094.

**9003200321** Monthly operating rept for Feb 1990 for Milstone Unit 2. W/900313 ltr  
GIBSON, J., SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE, S.E. Northeast Utilities. 90/02/28. 5pp. 53104-309-53104-313.

#### V. Operator Examinations

**9002230319** Advises that until 890629 submittal of NRC Form 474, "Simulation Facility Certification," for unit considered in compliance w/10CFR55.45(b)(2) & simulation facility acceptable for purposes of 10CFR53.1(a)(4).  
VISSING, G.S. Project Directorate I-4. 90/02/14. MROCKZKA, E.J. Connecticut Yankee Atomic Power Co. MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 52716-069-52716-071.

**9003070395** Notifies that JH Parillo reassigned & no longer in need of License SOP. 10263-2 as of 900219.  
SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SCACE, S.E. Northeast Utilities. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52990-085-52990-085.

## DOCKET 50-338 NORTH ANNA POWER STATION, UNIT 1

## F. Security, medical, emergency &amp; fire protection plans

9002260095 Forwards Rev 24 to physical security program Rev withheld (rel 10CFR73.21)  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/19 Document Control Branch (Document Control Desk) 2pp 52709 343-52709 344

9002260098 Forwards Rev 3 to safeguards contingency plan Rev withheld (rel 10CFR73.21)  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/19 Document Control Branch (Document Control Desk) 2pp 52709 345-52709 346

9003120484 Advises of emergency operating procedure insp scheduled for 900604-15 Insp would verify that emergency operating procedure technically accurate & that specified actions can be meaningfully accomplished using existing equipment  
PEEBLES,T.A. Region 2, OIC of the Director 90/03/01. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 3pp 52980 020-52980 022

9003150103 Revised EPIP, including Rev 10 to EPIP-4.16 & Rev 5 to EPIP-4.25 W/ 900308 ltr.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/08. 36pp. 53026 172-53026 207

9003230227 Ack receipt of 891031 response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs" Action complete  
ENGLE,L.B. Project Directorate II-2. 90/03/19. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 2pp 53174 250-53174 251.

## P. Operating license stage documents &amp; correspondence

9003070047 Forwards "Analysis of Small Steamline Break Performance W/O Low Pressurizer Pressure Safety Injection North Anna Units 1 & 2" & proposed amendments to Licenses NPF-4 & NPF-7 re rupture of main steam pipe analysis.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/26 Document Control Branch (Document Control Desk) 3pp 52853 170-52853 215.

9003070050 "Analysis of Small Steamline Break Performance W/O Low Pressurizer Pressure Safety Injection North Anna Units 1 & 2"  
\* Virginia Power (Virginia Electric & Power Co.) 90/02/26. 37pp. 52853:173-52853 209

9003070051 Application for amendments to Licenses NPF-4 & NPF-7, revising analysis for rupture of main steam pipe by eliminating low pressurizer safety injection  
\* Virginia Power (Virginia Electric & Power Co.) 90/02/26. 6pp 52853 210-52853 215.

9003080067 Forwards Amends 126 & 110 to Licenses NPF-4 & NPF-7, respectively & safety evaluation. Amends add new license conditions re limiting dose to control room operators & expiration date of license.  
ENGLE,L.B. Project Directorate II-2. 90/02/28. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 2pp. 52848 082-52848 093

9003080072 Amends 126 & 110 to Licenses NPF-4 & NPF-7, respectively, adding new license conditions re limiting dose to control room operators & expiration date of license.  
BERKOW,H.N. Project Directorate II-2. 90/02/28. 4pp 52848 084-52848 087.

9003080074 Safety evaluation supporting Amends 126 & 110 to Licenses NPF-4 & NPF-7, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/28. 6pp 52848 086-52848 093.

9003080192 Forwards safety evaluation concluding that DCRDR requirements, delineated in Suppl 1 to NUREG-0737, met based on results of NRC B41108-09 onsite audit & Apr 1985 meeting  
ENGLE,L.B. Project Directorate II-2. 90/02/28. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52893 272-52893 277.

9003080198 Safety evaluation concluding that DCRDR program implemented at facilities, satisfies all DCRDR requirements in Suppl 1 to NUREG-0737.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/28. 3pp. 52893 275-52893 277.

9003090245 Responds to Generic Ltr 90-01 re NRC Regulatory Impact Survey. Survey covers type of insp, audit or evaluation by NRC resident, NRC regional oic, NRC teams & INPO  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/01. Document Control Branch (Document Control Desk). 6pp. 52966 301-52966 308.

9003210024 Forwards summary of 900221 mgmt meeting in Region II oic re util commitment mgmt sys. List of attendees & handout also encl  
EBNETER,S.D. Region 2, OIC of the Director. 90/03/02. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 20pp. 53098 077-53098 096.

9003140208 Forwards list of unimplemented USIs at facilities per Generic Ltr 89-21, including USI A-44 re station blackout, USI A-46 re seismic qualification of equipment in operating plants & USI A-47 re safety implications of control sys  
ENGLE,L.B. Project Directorate II-2. 90/03/07. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 53030 002-53030 004.

9003160353 Advises that util plans to smelt plant liquid radioactive effluent sampling sys to increase reliability & reduce exposure. Mode expected to occur by Apr 1990.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/09. Document Control Branch (Document Control Desk). 2pp. 53042 248-53042 249.

9003210241 Application for amendments to Licenses NPF-4 & NPF-7, converting Tech Specs to MERITS format.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/15 Document Control Branch (Document Control Desk). 1,180pp. 53082 260-53082 009.

9003280254 Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47." Operability & surveillance requirements for steam generator overfill protection sys will be incorporated in Tech Spec change.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/19. Document Control Branch (Document Control Desk). 3pp. 53147 234-53147 236.

9003140889 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-26, Item 2.2, Part 2. "Vendor Interface for Safety Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195 089.

## Q. Inspection reports, IE Bulletins &amp; correspondence

9002260400 Forwards Insp Repts 50-338/89-35 & 50-338/89-35 on 891119. 900103 Violations noted but notice of violation will not be issued at present: time Enforcement conference scheduled for 900227 to discuss apparent violations  
EBNETER,S.D. Region 2, OIC of the Director. 90/02/08. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52710 313-52710 337.

9002260407 Insp Repts 50-338/89-35 & 50-338/89-35 on 891118. 900103 Violations noted re loss of containment integrity & 4 h rept to NRC. Major areas inspected per: status main ESF w/ down, operating reactor events & LER followup.  
CALDWELL,J.L., KING,L.P., FREDRICKSON,P. Region 2, OIC of the Director. 90/02/05. 22pp. 52710 316-52710 337.

9002260440 Notification of significant meeting on 900227 w/ licensee in Atlanta, GA re enforcement conference to discuss containment equipment door escape air lock escape event on 891228.  
FREDRICKSON,P. Region 2, OIC of the Director. 90/02/07. Region 2, OIC of the Director. 2pp. 52711 139-52711 140.

9003080259 Responds to NRC 900112 ltr re violations noted in Insp Repts 50-338/89-33 & 50-338/89-33 on 891211-15. Corrective actions radiological incident report prepared to document release of contaminated equipment from restricted area.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/09 Document Control Branch (Document Control Desk). 4pp. 52851 157-52851 160.

9003080333 Requests analyses of NRC spiked samples to confirm adequacy of corrective actions in response to Insp Repts 60-338/89-33 & 50-338/89-33 re tritium values. Analysis should be completed within 30 days of receipt of samples.  
COLLINS,D.M. Region 2, OIC of the Director. 90/02/15. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52855 358-52855 360.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Isocanal 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp. 52776 262-52776 360.

9003070383 Forwards 1989 annual steam generator inservice insp repl, per Tech Specs 4.4.5.5 b & 6.9.1.4.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/26. Document Control Branch (Document Control Desk). 1p. 52853 134-52853 169.

9003070365 "1989 Annual Steam Generator Inservice Insp Rept."  
\* Virginia Power (Virginia Electric & Power Co.) 89/12/31. 35pp. 52853 135-52853 169.

9002230378 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp. 52776 163-52776 261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23 Consolidated Edison Co. of New York, Inc. 90pp. 52844 001-52844 099.

9003090245 Responds to Generic Ltr 90-01 re NRC Regulatory Impact Survey. Survey covers type of insp, audit or evaluation by NRC resident, NRC regional oic, NRC teams & INPO.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/01. Document Control Branch (Document Control Desk). 6pp. 52966 301-52966 308.

9003120484 Advises of emergency operating procedure insp scheduled for 900604-15 Insp would verify that emergency operating procedure technically accurate & that specified actions can be meaningfully accomplished using existing equipment.  
PEEBLES,T.A. Region 2, OIC of the Director. 90/03/01. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 52980 020-52980 022.

9003080214 Advises that util intends to revise emergency diesel generator bushing gap measurement insp frequency to each refueling outage in order to detect extruded bushings & prevent generator failure.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/02. Document Control Branch (Document Control Desk). 4pp. 52963 298-52963 301.

9003200222 Forwards Insp Repts 50-338/90-02 & 50-338/90-02 on 900108-12 & 0222-28 & notice of violation.  
JULIAN,C.A. Region 2, OIC of the Director. 90/03/02. STEWART,W.L. Virginia Power (Virginia Electric & Power Co.) 3pp. 53077 246-53077 270.

9003200228 Notice of violation from insp on 900108-12 & 0222-26. Violation noted: listed check valves not exercised at least once every 3 months & not incorporated into inservice test program.  
JULIAN,C.A. Region 2, OIC of the Director. 90/03/02. 2pp. 53077 249-53077 250.

9003200231 Insp Repts 50-338/90-02 & 50-338/90-02 on 900108-12 & 0222-26. Violation noted: Major areas inspected inservice testing, complex surveillance, containment integrity & action on previous insp findings.  
TINGEN,S., JULIAN,C.A. Region 2, OIC of the Director. 90/03/02. 20pp. 53077 251-53077 270.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp. 52844 100-52844 198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997 001-52997 094.

010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Action on Control Directors Before Beginning Work in Agreement States." Svc list encl  
JENNINGS, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997.095-52997.189.

010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." c1 st encl  
NGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 0413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52987.288-998.018

010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresent Fasteners." Svc list encl  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.288.

020211 NRC Info Notice 90-017, "Weight & Cir of Gravity Discrepancies for Coposcan Valves." Svc list encl  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199

050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Vals Used on Diesel Generator Air Start Receiver Tanks." Svc list encl  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52983.200-52983.299

050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52963.300-52964.048.

080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Circulation Spray at PWR Facilities." Svc list encl  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box." Svc list encl  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.226.

160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Redwaste Incinerators." Svc list encl  
JENNINGS, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Vals to Operate Because Valve Seat Friction Was Underestimated." Svc list encl  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100

190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Injection of Power to Rosemount Transmitter Trip Units." Svc list encl  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### radio operating reports & related correspondence

070256 "Recorded Annual Whole Body Exposure Rept 1989." W/900220 ltr.  
ERS, T.G., DREYER, E.W., STAFFORD, A.H. Virginia Power (Virginia Electric & Power Co.). 89/12/31. 6pp. 52753.042-52753.046.

090146 "Radioactive Effluent Release Rept, North Anna Power Station, Jul-Dec 9." W/900301 ltr.  
INSON, M.L., DREYER, E., STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 89/12/31. 33pp. 52847.039-52847.071.

120026 Monthly operating repts for Jan 1990 for North Anna Power Station Units 1 & 2.  
W/900213 ltr.  
ACK, B., STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/31. p. 52800.274-52800.285.

090178 Monthly operating repts for Feb 1990 for North Anna Units 1 & 2.  
W/312 ltr.  
ACK, B., STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/28. p. 53047.319-53047.330.

#### portable occurrences, LERs & related correspondence

070431 Confirms 900126 telcon re 900227 enforcement conference in Region II to discuss containment equipment door escape airlock leakage event on 226. Proposed agenda encl.  
JETER, S.D. Region 2, Ofc of the Director. 90/02/07. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52756.099-52756.101.

060100 Part 21 rept re several failures of Fairbanks Morse Engine Div piston pins/irgs on upper pistons. Caused by incorrect surface pattern on piston pins. Piston under listed purchase orders to be removed & replaced.  
JETER, T.J. Coll Industries, Inc. 90/03/07. Region 3, Ofc of the Director. 3pp. 78:267-53078:289.

#### operator Examinations

060379 Requests cancellation of Operator License OP-20521-1 for JD Whitworth to termination of employment.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/13. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52720.358-52720.358.

20717 Advises of proposed change in steam generator tube rupture (SGTR) operating commitment, as result of Unit 1 870715 SGTR. Revised commitment will ease SGTR training per 10CFR50.55.59(c).  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52978.360-52978.361.

#### DOCKET 50-339 NORTH ANNA POWER STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002260095 Forwards Rev 24 to physical security program Rev withheld (ref 10CFR73.21).  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/19. Document Control Branch (Document Control Desk). 2pp. 52709.343-52709.344.

9002260098 Forwards Rev 3 to safeguards contingency plan Rev withheld (ref 10CFR73.21).  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/19. Document Control Branch (Document Control Desk). 2pp. 52709.345-52709.346.

9003120494 Advises of emergency operating procedure Insp scheduled for 900604. Insp would verify that emergency operating procedure technically accurate & that specified actions can be meaningfully accomplished using existing equipment.  
PEEBLES, J.A. Region 2, Ofc of the Director. 90/03/01. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52880.020-52880.022.

9003150103 Revised EPIPs, including Rev 10 to EPIP-A 16 & Rev 5 to EPIP-A 25 W/900308 ltr.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/08. 38pp. 53026.172-53026.207.

9003230227 Ack receipt of 891031 response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs." Action complete.  
ENGLE, L.B. Project Directorate II-2. 90/03/19. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 2pp. 53174.250-53174.251.

#### P. Operating license stage documents & correspondence

9003070047 Forwards "Analysis of Small Steamline Break Performance W/O Low Pressurizer Pressure Safety Injection North Anna Units 1 & 2 & proposed amendments to Licenses NPF-4 & NPF-7 re rupture of main steam pipe analysis."  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/26. Document Control Branch (Document Control Desk). 3pp. 52853.170-52853.215.

9003070050 "Analysis of Small Steamline Break Performance W/O Low Pressurizer Pressure Safety Injection North Anna Units 1 & 2."  
Virginia Power (Virginia Electric & Power Co.). 90/02/26. 37pp. 52853.173-52853.209.

9003070051 Application for amendments to Licenses NPF-4 & NPF-7, revising analysis for rupture of main steam pipe by eliminating low pressurizer safety injection.  
Virginia Power (Virginia Electric & Power Co.). 90/02/26. 6pp. 52853.210-52853.215.

9003080087 Forwards Amendments 126 & 110 to Licenses NPF-4 & NPF-7, respectively & safety evaluation Amendments add new license conditions re limiting dose to control room operators & expiration date of license.  
ENGLE, L.B. Project Directorate II-2. 90/02/28. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 2pp. 52848.082-52848.093.

9003080072 Amendments 126 & 110 to Licenses NPF-4 & NPF-7, respectively, adding new license conditions re limiting dose to control room operators & expiration date of license.  
BERKOW, H.N. Project Directorate II-2. 90/02/28. 4pp. 52848.084-52848.087.

9003080074 Safety evaluation supporting Amendments 126 & 110 to Licenses NPF-4 & NPF-7, respectively.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/28. 6pp. 52848.088-52848.093.

9003080192 Forwards safety evaluation concluding that DCRDR requirements delineated in Suppl 1 to NUREG-0737, met, based on results of NRC 841108-09 on-site audit & Apr 1985 meeting.  
ENGLE, L.B. Project Directorate II-2. 90/02/28. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52893.272-52893.277.

9003080198 Safety evaluation concluding that DCRDR program, implemented at facilities, satisfies all DCRDR requirements in Suppl 1 to NUREG-0737.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/28. 3pp. 52893.276-52893.277.

9003090245 Responds to Generic Ltr 90-01 re NRC Regulatory Impact Survey. Survey covers type of Insp, audit or evaluation by NRC resident, NRC regional ofc, NRC teams & INPO.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/01. Document Control Branch (Document Control Desk). 6pp. 52966.301-52966.308.

9003210024 Forwards summary of 900221 mgt meeting in Region II ofc re ull commitment mgt sys List of attendees & handout also encl.  
EDNETER, S.D. Region 2, Ofc of the Director. 90/03/02. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 20pp. 53099.077-53099.086.

9003140208 Forwards list of unimplemented USIs at facilities, per Generic Ltr 89-21, including USI A-44 re station blackout, USI A-46 re seismic qualification of equipment in operating plants & USI A-47 re safety implications of control sys.  
ENGLE, L.B. Project Directorate II-2. 90/03/07. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 53030.002-53030.004.

9003190322 Forwards Topical Rept WCAP-12497, "Analysis of Capsule U From VEPCO North Anna Unit 2 Reactor Vessel Radiation Surveillance Program."  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/08. Document Control Branch (Document Control Desk). 2pp. 53074.025-53074.105.

9003190327 "Analysis of Capsule U From VEPCO North Anna Unit 2 Reactor Vessel Radiation Surveillance Program."  
TEREK, E., ANDERSON, S.L., ALBERTIN, L. Westinghouse Electric Corp. WCAP-12497. 90/01/31. 78pp. 53074.027-53074.105.

9003160353 Advises that utility plans to simplify plant liquid radioactive effluent sampling sys to increase reliability & reduce exposure levels expected to occur by Apr 1990. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/09. Document Control Branch (Document Control Desk). 2pp. 53042.248-53042.249.

9003210241 Application for amendments to Licenses NFF-4 & NFF-7, converting Tech Specs to MERITS format. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/15. Document Control Branch (Document Control Desk). 1,190pp. 53082.260-53086.039.

9003260254 Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47." Operability & surveillance requirements for steam generator overfill protection sys will be incorporated in Tech Spec change. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/19. Document Control Branch (Document Control Desk). 3pp. 53147.234-53147.236.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in General Ltr 83-28, item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260400 Forwards Insp Repts 50-338/89-35 & 50-339/89-35 on 891118-800103. Violations noted but notice of violation will not be issued at present time. Enforcement conference scheduled for 900227 to discuss apparent violations. EBNETER, S.D. Region 2, Ofc of the Director. 90/02/06. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52710.313-52710.337.

9002260407 Insp Repts 50-338/89-35 & 50-339/89-35 on 891118-800103. Violations noted re loss of containment integrity & 4 ft rept to NRC Major areas inspected plant status, maintenance walkdown, operating reactor events & LER followup. CALDWELL, J.L., KING, L.P., FREDRICKSON, P. Region 2, Ofc of the Director. 90/02/05. 22pp. 52710.316-52710.337.

9003060259 Responds to NRC 900112 ltr re violations noted in Insp Repts 50-338/89-33 & 50-339/89-33 on 891211-15. Corrective actions radiological incident rept prepared to document release of contaminated equipment from restricted area. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/09. Document Control Branch (Document Control Desk). 4pp. 52851.157-52851.160.

9003060033 Requests analyses of NRC spiked samples to confirm adequacy of corrective actions in response to Insp Repts 50-338/89-33 & 50-339/89-33 re tritium values. Analysis should be completed within 30 days of receipt of samples. COLLINS, D.L. Region 2, Ofc of the Director. 90/02/15. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52855.358-52855.360.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776.282-52776.360.

9003070363 Forwards 1989 annual steam generator inservice Insp rept per Tech Specs 4.4.5.b & 6.9.1.4. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/02/26. Document Control Branch (Document Control Desk). 1p. 52853.134-52853.169.

9003070365 "1989 Annual Steam Generator Inservice Insp Rept." Virginia Power (Virginia Electric & Power Co.) 89/12/31. 35pp. 52853.135-52853.169.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844.001-52844.059.

9003090245 Responds to Generic Ltr 90-01 re NRC Regulatory Impact Survey. Survey covers type of inservice audit or evaluation by NRC resident NRC regional ofc. NRC teams & INPO. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/03/01. Document Control Branch (Document Control Desk). 6pp. 52968.301-52968.306.

9003120494 Advises of emergency operating procedure Insp scheduled for 900604-15. Insp would verify that emergency operating procedure technically accurate & that specified actions can be meaningfully accomplished using existing equipment. PEEBLES, T.A. Region 2, Ofc of the Director. 90/03/01. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 52980.020-52980.022.

9003080214 Advises that utility intends to revise emergency diesel generator bushing gap measurement Insp frequency to each refueling outage in order to detect extruded bushings & prevent generator failure. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/02. Document Control Branch (Document Control Desk). 4pp. 52893.298-52893.301.

9003200222 Forwards Insp Repts 50-338/90-02 & 50-339/90-02 on 900108-12 & 0222-26 & notice of violation. JULIAN, C.A. Region 2, Ofc of the Director. 90/03/02. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 53077.246-53077.270.

9003200228 Notice of violation from Insp on 900108-12 & 0222-26. Violation noted: listed check valves not exercised at least once every 3 months & not incorporated into inservice test program. JULIAN, C.A. Region 2, Ofc of the Director. 90/03/02. 2pp. 53077.249-53077.250.

9003200231 Insp Repts 50-338/90-02 & 50-339/90-02 on 900108-12 & 0222-26. Violation noted: Major areas inspected inservice testing complex surveillance containment integrity & action on previous Insp findings. TINGEN, S., JULIAN, C. Region 2, Ofc of the Director. 90/03/02. 20pp. 53077.251-53077.270.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844.100-52844.188.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870726). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement States Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870726). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52997.095-52997.169.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997.298-52998.018.

9003010283 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.006-52963.189.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52964.046.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 88pp. 52997.190-52997.287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Box." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 89pp. 53035.129-53035.226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870726). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### R. Periodic operating reports & related correspondence

9002270256 "Recorded Annual Whole Body Exposure Rept 1989." W/900220 ltr. PETERS, T.G., DREYER, E.W., STAFFORD, A.H. Virginia Power (Virginia Electric & Power Co.) 89/12/31. 5pp. 52753.042-52753.046.

9003090146 "Radioactive Effluent Release Rept, North Anna Power Station, Jul-Dec 1989." W/900301 ltr. JOHNSON, M.L., DREYER, E., STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 89/12/31. 33pp. 52947.038-52947.071.

9003020028 Monthly operating repts for Jan 1990 for North Anna Power Station Units 1 & 2 W/900213 ltr. TILLACK, B., STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/01/31. 12pp. 52800.274-52800.285.

9003190178 Monthly operating repts for Feb 1990 for North Anna Units 1 & 2 W/900312 ltr. TILLACK, B., STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/28. 12pp. 53047.318-53047.330.

#### S. Reportable occurrences, LERs & related correspondence

9003200100 Part 21 rept re several failures of Fairbanks Morse Engine Division pins/bushings on upper pistons. Caused by incorrect surface pattern on piston pins. Piston pins under listed purchase orders to be removed & replaced. REDER, T.J. Colt Industries, Inc. 90/03/07. Region 3, Ofc of the Director. 3pp. 53078.287-53078.289.

9003180009 LER 90-001-00 on 900215, inadvertent partial Train A ESF activation of containment depressurization sys occurred. Caused by human error. Evaluation to be performed to determine if test points can be moved W/900308 ltr. KANE, G.E. Virginia Power (Virginia Electric & Power Co.). 90/03/08. 5pp. 53045.015-53045.018.

## Operator Examinations

**32260379** Requests cancellation of Operator License OP-20521-1 for JD Whitworth due to termination of employment.  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/02/13. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52720:358-52720:358.

**33120717** Advises of proposed change in steam generator tube rupture (SGTR) operator training commitment, as result of Unit 1 870715 SGTR. Revised commitment will decrease SGTR training per 10CFR50.55.9(c).  
STEWART,W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52979:360-52979:361.

## ICKET 50-341 ENRICO FERMI ATOMIC POWER PLANT, UNIT 2

### Security, medical, emergency & fire protection plans

**32220454** Rev 6 to EPIP EP-545, "Protective Action Recommendations." W/900201.  
\* Detroit Edison Co. 90/02/01. 25pp. 52714:285-52714:319.

**32280166** Discusses investigation Repts 3-85-019, 3-86-002, 3-86-006 & 3-86-015 & orders order modifying License NPF-43 & notice of violation.  
HOMPSON,H.L. Dep. Exec. Dir. for Nuc. Malls Safety, Safeguards & Operations Support (Post 890205). 90/02/12. MCCARTHY,W. Detroit Edison Co. 4pp. 52760:339-52760:350.

**002280171** Notice of violation from Insp of events occurring during periods of 1984-1986. Violations noted licensee senior security manager made mail false statement on 5/11/83 re protection of safeguards info.  
HOMPSON,H.L. Dep. Exec. Dir. for Nuc. Malls Safety, Safeguards & Operations Support (Post 890205). 90/02/12. 4pp. 52760:347-52760:350.

**33010393** Rev 6 to RERP Plan Implementing Procedure EP-205-01, "Security Force."  
ANDERPUTTE,M. Detroit Edison Co. 90/02/21. 15pp. 52780:347-52780:361.

**33150319** Confirms withdrawal of amend request re rev & relocation of fire protection requirements Application contained inaccuracies.  
ING,P.L. Project Directorate III-1. 90/03/06. SYLVIA,B.R. Detroit Edison Co. 3pp. 53026:324-53026:326.

**33200185** Rev 3 to Radiological Emergency Response Plan Implementing Procedure P-607, "Public Affairs Media Pool Operation."  
ANDERPUTTE,M. Detroit Edison Co. 90/03/06. 6pp. 53073:351-53073:356.

**33260473** Forwards Allegation Review Insp Rept 50-341/80-06 on 891115 & 900228 No violations noted.  
FREGER,L.R. Region 3, Ofc of the Director. 90/03/07. SYLVIA,B.R. Detroit Edison Co. 2pp. 53157:080-53157:087.

**003260478** Allegation Review Insp Rept 50-341/90-06 on 891115 & 900228. No violations noted Major areas inspected review of allegation re security operations at plant.  
RITTLE,G.L., CREED,J.R. Region 3, Ofc of the Director. 90/03/06. 6pp. 53157:082-53157:087.

**33150375** Responds to NRC 900224 ltr re weaknesses & violations noted in Insp Rept 50-341/89-24. Corrective actions: nuclear fire protection specialist provided training to appropriate personnel on 900202.  
SYLVIA,B.R. Detroit Edison Co. 90/03/09. Document Control Branch (Document Control Desk). 32pp. 53020:153-53020:184.

**33150399** Responds to NRC 900212 order modifying license & notice of violation. Corrective actions: former director of nuclear security no longer works for util & extensive actions taken to improve communications w/NRC.  
SYLVIA,B.R. Detroit Edison Co. 90/03/09. Ofc of Enforcement (Post 870413). 15pp. 53020:078-53020:092.

**33190386** Rev 6 to EP-608, "Joint Publication Info Ctr Operations."  
\* Detroit Edison Co. 90/03/09. 6pp. 53050:254-53050:262.

**33200290** Forwards SALP Rept 50-341/80-01 on 890101-1231. Functional area of radiological controls improved during assessment period & rated as Category 1.  
JAVIS,A.B. Region 3, Ofc of the Director. 90/03/12. SYLVIA,B.R. Detroit Edison Co. 1pp. 53075:273-53075:311.

**003200293** SALP Rept 50-341/80-01 for Jan - Dec 1989.  
\* Region 3, Ofc of the Director. 90/03/12. 36pp. 53076:277-53076:311.

**33260345** Suppls response to violations noted in Insp Rept 50-341/85-47 re security records. Util intends to rely solely on historical tapes to retrieve records required by physical security plan. Hard copy computer logs will be discarded.  
CHSER,W.S. Detroit Edison Co. 90/03/16. Document Control Branch (Document Control Desk). 2pp. 53149:117-53149:118.

### Utility Final Safety Analysis Report (FSAR) & amends

**03210008** Forwards Rev 3 to updated FSAR for Fermi 2 & annual safety evaluation summary rept for 1989.  
SYLVIA,B.R. Detroit Edison Co. 90/03/15. Document Control Branch (Document Control Desk). 3pp. 53100:093-53100:335.

**003210013** Rev 3 to updated FSAR.  
\* Detroit Edison Co. 90/03/15. 1,217pp. 53100:096-53103:232.

**003210014** Safety evaluation re as-built notices.  
\* Detroit Edison Co. 89/12/31. 103pp. 53103:233-53103:335.

### Operating license stage documents & correspondence

**03090130** Discusses 890517-18 meetings of NRC senior managers re performance of operating nuclear plants licensed by NRC. Continuing progress noted in improving plant performance. Weaknesses noted re preventive maint program.  
STELLCO,V. Ofc of the Executive Director for Operations. 89/05/26. MCCARTHY,W.J. Detroit Edison Co. 3pp. 52947:017-52947:019.

**9002270397** Forwards 891204 director's decision & FR notice & NUREG-1285, "Rept. Rept." in response to A Harlowe 2 206 petition requesting that NRC fix or close all nuclear plants designed by GE W/o encls.  
THOMA,J.O. Project Directorate III-1. 90/01/18. SYLVIA,B.R. Detroit Edison Co. 1p. 52758:194-52758:194.

**9003070346** "Final Rept for Reactor Containment Bldg Integrated Leak Rate Test" W/ 900221 ltr.  
SHEFFEL,B.J., SYLVIA,B.R. Detroit Edison Co. 90/01/31. 68pp. 52890:224-52890:289.

**9002220498** Forwards environ assessment & finding of no significant impact re util 890724 applic on for change to License NPF-43 to reflect purchase by util of Wolverine Power Supply Cooperative, Inc ownership in facility.  
STANG,J.F. Project Directorate III-1. 90/02/09. SYLVIA,B.R. Detroit Edison Co. 3pp. 52703:285-52703:290.

**-9002220503** Environ assessment & finding of no significant impact re revising License NPF-43 to reflect purchase of Wolverine Power Supply Cooperative, Inc interest in plant.  
THOMA,J.O. Project Directorate III-1. 90/02/08. 3pp. 52703:288-52703:290.

**9002270040** Forwards Amend 50 to License NPF-43, safety evaluation & notice of issuance Amend revises license to reflect purchase by util of Wolverine Power Supply Cooperative, Inc ownership in plant.  
STANG,J.F. Project Directorate III-1. 90/02/16. SYLVIA,B.R. Detroit Edison Co. 3pp. 52750:162-52750:174.

**-9002270043** Amend 50 to License NPF-43, reflecting purchase by util of Wolverine Power Supply Cooperative, Inc ownership in plant.  
THOMA,J.O. Project Directorate III-1. 90/02/16. 5pp. 52758:165-52758:169.

**-9002270045** Safety evaluation supporting Amend 50 to License NPF-43.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/16. 3pp. 52758:170-52758:172.

**-9002270048** Notice of issuance of Amend 50 to License NPF-43, reflecting purchase by util of Wolverine Power Supply Cooperative, Inc ownership in plant.  
ENG,P.L. Project Directorate III-1. 90/02/16. 2pp. 52758:173-52758:174.

**9002270084** Forwards safety evaluation accepting util 890621 request for relief from ASME Boiler & Pressure Vessel Code, Section XI, for Drywell-Torus vacuum relief valves.  
STANG,J.F. Project Directorate III-1. 90/02/16. SYLVIA,B.R. Detroit Edison Co. 4pp. 52750:212-52750:218.

**-9002270087** Safety evaluation concluding that relief granted & alternative test imposed through sub document provides reasonable assurance that acceptable level of quality & safety intended by ASME Code will be satisfied.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/16. 3pp. 52750:216-52750:218.

**9003210086** Ack receipt of 891122 response to NRC 891025 ltr re fitness-for-duty issue. Allegation IIII-89-A-132. Individual found fit for duty based on urine test results & breath analysis which showed no presence of drugs or alcohol.  
NORELIUS,C.E. Region 3, Ofc of the Director. 90/02/16. SYLVIA,B.R. Detroit Edison Co. 2pp. 53105:089-53105:090.

**9002270096** Advises that 890724 request for amend to License NPF-43 re instrument setpoints considered withdrawn per telcon w/NRC.  
ENG,P.L. Project Directorate III-1. 90/02/20. SYLVIA,B.R. Detroit Edison Co. 4pp. 52758:329-52758:332.

**9003130264** Forwards, "1989 Annual Operating Rept for Fermi 2" & main steam piping dynamic response test results.  
SYLVIA,B.R. Detroit Edison Co. 90/02/26. Document Control Branch (Document Control Desk). 1p. 52994:148-52994:163.

**-9003190189** "1989 Annual Operating Rept for Fermi 2" Main steam piping dynamic response test results encl.  
\* Detroit Edison Co. 89/12/31. 18pp. 52994:147-52994:163.

**9003130285** Forwards response to NRC survey on nuclear fuel cycle industry future activity, per 900122 request.  
SYLVIA,B.R. Detroit Edison Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 53015:031-53015:032.

**9003140115** Forwards notice of withdrawal of 880629 application for amend to License NPF-43 re rod block monitors, reactor protection sys, isolation actuation & control rod block instrumentation & source range monitors.  
ENG,P.L. Project Directorate III-1. 90/03/02. SYLVIA,B.R. Detroit Edison Co. 3pp. 53000:294-53000:298.

**-9003140121** Notice of withdrawal of application for amend to License NPF-43, revising Tech Specs re reset instrument channels &/or trip sys & removing requirement to place channels &/or trip sys in tripped condition under certain circumstances.  
THOMA,J.O. Project Directorate III-1. 90/03/02. 2pp. 53000:297-53000:298.

**9003090470** Notification of 900307 meeting w/GE in Rockville, MD to discuss potential power reactor upgrades.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/05. MURLEY,T., MIRAGLIA,F., CRUTCHFIELD,D. NRC - No Detailed Affiliation Given. 2pp. 52945:232-52945:233.

**9003160499** Forwards completed questionnaires for types of insps, audits & evaluations in response to Generic Ltr 89-01, "Voluntary Participation in NRC Regulatory Impact Survey."  
SYLVIA,B.R. Detroit Edison Co. 90/03/05. Document Control Branch (Document Control Desk). 52pp. 63039:105-63039:166.

**9003070144** Advises that util 891020 response to NRC Generic Ltr 89-16, "Installation of Hardened Wellwell Vent," acceptable. Use of results of individual plant exams to develop mod design also acceptable provided that 10CFR50.59 mods unaffected.  
ENG,P.L. Project Directorate III-1. 90/03/06. SYLVIA,B.R. Detroit Edison Co. 4pp. 52887:335-52887:336.



**9003150319** Confirms withdrawal of amend request re rev & relocation of fire protection requirements Application contained inaccuracies  
ENG.P.L. Project Directorate III-1. 90/03/06. SYLVIA,B.R. Detroit Edison Co. 3pp. 53025-324-53025-328.

**9003200333** Forwards investigation case file re Allegation RIR-89-A-132 concerning fitness-for-duty Issue Review of Issue completed & results addressed in 900216 tr W/o encl  
GREGG,L.R. Region 3, Ofc of the Director. 90/03/08. SYLVIA,B.R. Detroit Edison Co. 1p 53071-237-53071-237.

**9003190333** Confirms plans to conduct mgt meeting on 900316 in Region III ofc to discuss maint performance, lubrication program, communications sys upgrades & other topics of mutual interest  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/03/09. SYLVIA,B.R. Detroit Edison Co. 2pp 53050-307-53050-308.

**9003200368** Forwards safety evaluation addressing items that must be satisfactorily reviewed before 860731 procedures generation package can be acceptable.  
ENG.P.L. Project Directorate III-1. 90/03/13. SYLVIA,B.R. Detroit Edison Co. 12pp. 53069-239-53069-250.

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2. "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-069.

#### Q. Inspection reports, IE Bulletins & correspondence

**9002280166** Discusses Investigation Repts 3-85-018, 3-86-002, 3-86-006 & 3-86-015 & forwards order modifying License NPF-43 & notice of violation.  
THOMPSON,H.L. Dep Exec Dir for Nuc Mats Safety, Safeguards & Operations Support (Post 890205). 90/02/12. MCCARTHY,W. Detroit Edison Co. 4pp. 52760-339-52760-350.

**-9002280167** Order modifying License NPF-43 to add condition that licensee shall provide Region III written notice 30 days before reinvolvement of W Hastings in safety-related activities.  
THOMPSON,H.L. Dep Exec Dir for Nuc Mats Safety, Safeguards & Operations Support (Post 890205). 90/02/12. Detroit Edison Co. 4pp. 52760-343-52760-346.

**-9002280171** Notice of violation from insp of events occurring during periods of 1984-1986. Violations noted licensee senior security manager made mail false statement on 851113 re protection of safeguards info.  
THOMPSON,H.L. Dep Exec Dir for Nuc Mats Safety, Safeguards & Operations Support (Post 890205). 90/02/12. 4pp. 52760-347-52760-350.

**9003050187** Responds to NRC 900213 ltr re violations noted in Insp Rept 50-341/89-17. Corrective actions design of door seal air supply upgraded so that single failure will not cause loss of door integrity & refresher course included in training.  
SYLVIA,B.R. Detroit Edison Co. 90/02/22. Document Control Branch (Document Control Desk). 17pp. 52837-083-52837-098.

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776-262-52776-360.

**9002230283** NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-261.

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52844-001-52844-099.

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-198.

**9003160214** Responds to violations noted in Insp Rept 50-341/89-38. Corrective action: all personnel in operations & I&C viewed professionalism video which included presentation of facts concerning event.  
SYLVIA,B.R. Detroit Edison Co. 90/03/05. Document Control Branch (Document Control Desk). 8pp. 53036-160-53036-168.

**9003160499** Forwards completed questionnaires for types of insps, audits & evaluations in response to Generic Ltr 90-01, "Voluntary Participation in NRC Regulatory Impact Survey."  
SYLVIA,B.R. Detroit Edison Co. 90/03/05. Document Control Branch (Document Control Desk). 52pp. 53039-105-53039-158.

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-094.

**9003010172** NRC Info Notice 90-015, "Reciprocity-Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-188.

**9003010227** NRC Info Notice 90-018, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52997-018.

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52944-199-52944-298.

**9003280473** Forwards Allegation Review Insp Rept 50-341/90-06 on 891115 & 900228. No violations noted.  
GREGG,L.R. Region 3, Ofc of the Director. 90/03/07. SYLVIA,B.R. Detroit Edison Co. 2pp. 53157-080-53157-087.

**-9003280478** Allegation Review Insp Rept 50-341/90-06 on 891115 & 900228. No violations noted. Major areas inspected review of allegation re security operators at plant.  
PITLIE,G.L., CREED,J.R. Region 3, Ofc of the Director. 90/03/08. 6pp. 53157-082-53157-087.

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes Vulcan Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52983-098-52983-199.

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52983-200-52983-299.

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52983-300-52984-048.

**9003150375** Responds to NRC 900224 ltr re weaknesses & violations noted in Insp Rept 50-341/89-24. Corrective actions: nuclear fire protection specialist provided training to appropriate personnel on 900202.  
SYLVIA,B.R. Detroit Edison Co. 90/03/09. Document Control Branch (Document Control Desk). 32pp. 53020-153-53020-184.

**9003150399** Responds to NRC 900212 order modifying license & notice of violation. Corrective actions: former director of nuclear security no longer works for us & extensive actions taken to improve communications w/NRC.  
SYLVIA,B.R. Detroit Edison Co. 90/03/09. Ofc of Enforcement (Post 870413). 15pp. 53020-078-53020-092.

**9003210045** Forwards Safety Insp Rept 50-341/89-34 on 891129-900108 & notice of violation. NRC will continue monitoring until progress & evaluate effectiveness of corrective actions.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/03/09. SYLVIA,B.R. Detroit Edison Co. 2pp. 53132-193-53132-219.

**-9003210050** Notice of violation from insp on 891129-900108. Violation noted failure to perform periodic channel calibr & functional tests for oil/gas sys hydrogen monitor when oil/gas in operation.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/03/09. 2pp. 53132-155-53132-196.

**-9003210051** Insp Rept 50-341/89-34 on 891129-900108. Violations noted. Major areas inspected: followup of events, operational safety, sustained control room/plant observations, ESF walkdown, maint surveillance, plant trips, LER followup & QA.  
DEFAVETTE,R.W. Region 3, Ofc of the Director. 90/03/09. 23pp. 53132-187-53132-219.

**9003200290** Forwards SALP Rept 50-341/90-01 on 890101-1231. Functional area of radiological controls improved during assessment period & rated as Category 1.  
DAVIS,A.B. Region 3, Ofc of the Director. 90/03/12. SYLVIA,B.R. Detroit Edison Co. 4pp. 53075-273-53075-311.

**-9003200293** SALP Rept 50-341/90-01 for Jan - Dec 1989.  
Region 3, Ofc of the Director. 90/03/12. 36pp. 53075-277-53075-311.

**9003230330** Confirms meeting in Newport, MI on 900327 to present initial SALP 11 report for plant. Util requested to have appropriate corporate & plant mgt representation at meeting to ensure mutual understanding of issues & findings presented by NRC.  
GREENMAN,E.G. Region 3, Ofc of the Director. 90/03/12. SYLVIA,B.R. Detroit Edison Co. 3pp. 53145-357-53145-359.

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

**9003260345** Suppl response to violations noted in Insp Rept 50-341/85-47 re security records. Util intends to rely solely on historical tapes to retrieve records required by physical security plan. Hard copy computer logs will be discarded.  
CHSER,W.S. Detroit Edison Co. 90/03/16. Document Control Branch (Document Control Desk). 2pp. 53149-117-53149-118.

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

**9003160306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.



3070069 Forwards monthly operating rept for Jan 1990 for Fermi Unit 2 & revised rept for Dec 1989, correcting error in net electrical generation figures.  
ORSER, W.S. Detroit Edison Co. 90/02/15. Document Control Branch (Document Control Desk). 1p. 52890.008-52890.013.

3070070 Monthly operating rept for Jan 1990 for Fermi Unit 2.  
AWSON, E., ANTHONY, P.M. Detroit Edison Co. 90/01/31. 3pp. 52890.009-52890.011.

3070073 Corrected monthly operating rept for Dec 1989 for Fermi Unit 2.  
NTHONY, P.M. Detroit Edison Co. 89/12/31. 2pp. 52890.012-52890.013.

3130264 Forwards, "1989 Annual Operating Rept for Fermi 2" & main steam piping dynamic response test results.  
YLWIA, B.R. Detroit Edison Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52994.146-52994.163.

303190189 "1989 Annual Operating Rept for Fermi 2." Main steam piping dynamic response test results encl.  
Detroit Edison Co. 89/12/31. 18pp. 52994.147-52994.163.

3200119 Monthly operating rept for Feb 1990 for Fermi 2 W/900315 ltr.  
NTHONY, P.M., DAWSON, E., ORSER, W.S. Detroit Edison Co. 90/02/28. 4pp. 3076.086-53076.089.

3080361 Forwards semiannual radioactive effluent release rept for Jul-Dec 1989 & revised pages of rept for Jul-Dec 1988, containing recalculated noble gas releases & doses.  
YLWIA, B.R. Detroit Edison Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52891.286-52891.039.

30309003 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989."  
Detroit Edison Co. 89/12/31. 98pp. 52891.287-52891.035.

30309005 Revised pages of semiannual effluent rept for Jul-Dec 1988, containing recalculated noble gas releases & doses.  
Detroit Edison Co. 88/12/31. 4pp. 52892.036-52892.039.

# Reportable occurrences, LERs & related correspondence

3050192 LER 89-034-01 on 891208, two members of fire watch did not complete assigned hourly rounds from 891002-1207 in reactor & auxiliary bldgs. Both individuals terminated & fire stations equipped w/unique bar code W/900221 ltr.  
ENDERGAST, J., ORSER, W.S. Detroit Edison Co. 90/02/21. 7pp. 52829.195-52829.201.

3020075 Part 21 rept re ABB 27/59 Relay Catalog Series 211L. Solder connections & printed wiring runs on bottom of circuit board deteriorated due to thermal stress. No clual failure occurred & relome to be changed at next outage.  
AISER, A.F. ASEA Brown Boveri, Inc. 90/02/22. BERLINGER, C. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52798.341-52798.343.

3070020 Part 21 rept re solder connections in ABB 27/59 relays deteriorated due to normal stress causing bonding of printed wiring pattern to glass epoxy circuit board. Interim circuit board w/larger pads & higher wattage will be used.  
AISER, A.F. ASEA Atom, Inc. 90/02/22. BERLINGER, C. Generic Communications Branch. 3pp. 52888.207-52888.209.

3080331 LER 80-002-00 on 900127 determined that data tables listed in Surveillance Procedure 44.080.301, not in agreement w/Tech Spec Tables 3.3.7.1.1.2a & 3.3.7.1.1.2b. Caused by personnel failure to recognize need for change. Procedure revised. W/900305 ltr.  
ENDERGAST, J., ORSER, W.S. Detroit Edison Co. 90/03/05. 5pp. 52979.085-52979.089.

# Operator Examinations

3020182 Advises that operator & senior operator licensing exams scheduled for wk 1 900528. Encl rept mail requested at least 60 days prior to exam date.  
VRIGHT, G.C. Region 3, Ofc of the Director. 90/02/21. SYLVIA, B.R. Detroit Edison Co. 13pp. 52816.211-52816.223.

3200290 Forwards SALP Rept 50-341/80-01 on 890101-1231. Functional area of radiological controls improved during assessment period & rated as Category 1.  
JAVIS, A.B. Region 3, Ofc of the Director. 90/03/12. SYLVIA, B.R. Detroit Edison Co. 1pp. 53076.273-53076.311.

303200293 SALP Rept 50-341/80-01 for Jan - Dec 1989.  
Region 3, Ofc of the Director. 90/03/12. 36pp. 53076.277-53076.311.

# CKET 50-344 TROJAN NUCLEAR PLANT

# Security, medical, emergency & fire protection plans

3080078 Forwards scope & objectives & limitations of 1989 annual radiological emergency plan exercise to be conducted on 891115.  
COCKFIELD, D.W. Portland General Electric Co. 89/08/11. Document Control Branch (Document Control Desk). 1p. 52896.334-52896.016.

003080080 "Portland General Electric Trojan Nuclear Plant 1989 Annual Exercise."  
Portland General Electric Co. 89/11/15. 21pp. 52896.335-52896.016.

3050196 Rev 5 to Radiological ERIP EP-100, "Control Room." W/900212 ltr.  
RUND, C.P. Portland General Electric Co. 90/02/12. 7pp. 52836.353-52836.359.

32260311 Forwards Amend 157 to License NPF-1 & safeguards evaluation rept. Amend modifies Paragraph 2.D of License NPF-1 to require compliance w/revised physical security plan for plant.  
BEVAN, R.B. Project Directorate V. 90/02/13. COCKFIELD, D.W. Portland General Electric Co. 6pp. 52726.152-52726.161.

TRAMMELL, C.M. Project Directorate V. 90/02/13. 2pp. 52726.157-52726.158.

9002260315 Safeguards evaluation rept supporting Amend 157 to License NPF-1.  
\* NRC - No Detailed Affiliation Given. 90/02/13. 3pp. 52726.159-52726.161.

9003060286 Forwards Insp Rept 50-344/89-31 on 891204-900131 & notice of violation. Violation constitutes repeat violation re noncompliance w/procedures & inadequate supervisory involvement in fire protection program.  
KIRSCH, D.F. Region 5, Ofc of the Director. 90/02/20. COCKFIELD, D.W. Portland General Electric Co. 2pp. 52849.277-52849.298.

9003060291 Insp Rept 50-344/89-31 on 891204-900131. Violation noted. Major areas inspected vital areas & equipment in plant, inservice testing activities & followup of open items from previous insps.  
HUEY, F.R. Region 5, Ofc of the Director. 90/02/20. 18pp. 52849.281-52849.298.

9003230189 Forwards Rev 8 to security force training & qualification plan. Rev withheld (ref 10CFR73.21).  
COCKFIELD, D.W. Portland General Electric Co. 90/03/20. Document Control Branch (Document Control Desk). 1p. 53129.344-53129.344.

9003230191 Forwards Rev 29 to security program. Rev withheld (ref 10CFR73.21).  
COCKFIELD, D.W. Portland General Electric Co. 90/03/20. Document Control Branch (Document Control Desk). 1p. 53190.079-53190.079.

9003200252 Amend 21 to PGE-100B, "Radiological Emergency Response Plan & Procedures Manual," Vol 1, Book 2.  
\* Portland General Electric Co. 90/03/31. 274pp. 53074.139-53074.052.

9003200275 Amend 21 to Vol 1, Book 1 of PGE-100B, "Radiological Emergency Plan & Procedures Manual."  
\* Portland General Electric Co. 90/03/31. 7pp. 53074.132-53074.138.

# P. Operating license stage documents & correspondence

9002260311 Forwards Amend 157 to License NPF-1 & safeguards evaluation rept. Amend modifies Paragraph 2.D of License NPF-1 to require compliance w/revised physical security plan for plant.  
BEVAN, R.B. Project Directorate V. 90/02/13. COCKFIELD, D.W. Portland General Electric Co. 5pp. 52726.152-52726.161.

9002260314 Amend 157 to License NPF-1, modifying Paragraph 2.D to require compliance w/revised physical security plan for plant.  
TRAMMELL, C.M. Project Directorate V. 90/02/13. 2pp. 52726.157-52726.158.

9002260315 Safeguards evaluation rept supporting Amend 157 to License NPF-1.  
\* NRC - No Detailed Affiliation Given. 90/02/13. 3pp. 52726.159-52726.161.

9002260282 Forwards License Change Application 191 to License NPF-1, revising Tech Spec 4.0.2 per Generic Ltr 89-14, "Line Item Improvements in Tech Specs-Removal of 3.25 Limit on Extending Surveillance Intervals."  
COCKFIELD, D.W. Portland General Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 1p. 52725.243-52725.251.

9002260285 Application for amend to License NPF-1, consisting of License Change Application 191, revising Tech Spec 4.0.2 per Generic Ltr 89-14, "Line Item Improvements in Tech Specs-Removal of 3.25 Limit on Extending Surveillance Intervals."  
COCKFIELD, D.W. Portland General Electric Co. 90/02/16. 4pp. 52725.244-52725.247.

9002260287 Proposed Tech Spec 4.0.2 re specified time interval surveillance requirements that should be performed.  
\* Portland General Electric Co. 90/02/16. 4pp. 52725.248-52725.251.

9002270338 Forwards License Change Application 192 correcting typos in various Tech Specs.  
COCKFIELD, D.W. Portland General Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 1p. 52745.288-52745.313.

9002280054 Application for amend to License NPF-1 to correct various typos in plant Tech Specs.  
COCKFIELD, D.W. Portland General Electric Co. 90/02/16. 4pp. 52745.287-52745.290.

9002280048 Proposed Tech Specs correcting various typos.  
\* Portland General Electric Co. 90/02/16. 23pp. 52745.291-52745.313.

9002270348 Forwards License Change Application 193 modifying actions & surveillance requirement for Tech Spec 3/4.2.4, "Quadrant Power Tilt Ratio."  
COCKFIELD, D.W. Portland General Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 1p. 52756.001-52756.013.

9002280034 Application for amend to License NPF-1, modifying actions surveillance requirement in Tech Spec 3/4.2.4, "Quadrant Power Tilt Ratio."  
COCKFIELD, D.W. Portland General Electric Co. 90/02/16. 8pp. 52756.002-52756.009.

9002280036 Proposed Tech Spec changes, modifying actions & surveillance requirement for Tech Spec 3/4.2.4, "Quadrant Power Tilt Ratio."  
\* Portland General Electric Co. 90/02/16. 3pp. 52756.010-52756.013.

9003080338 Forwards rept describing unsatisfactory performance testing that occurred as part of plant fitness-for-duty program. Incident involved failure of contract drug testing lab to properly identify test specimen containing marijuana.  
COCKFIELD, D.W. Portland General Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 3pp. 52896.322-52896.324.

9003080052 Discusses interpretation of License Condition 2.C.11, "Fuel Assemblies" for reconciliation w/Tech Spec 5.3.1, "Fuel Assemblies." Intention to insert one new assembly w/two stainless rods in Cycle 13 based on interpretation stated.  
COCKFIELD, D.W. Portland General Electric Co. 90/03/02. Document Control Branch (Document Control Desk). 2pp. 52857.334-52857.335.

9003150175 Forwards revised comparison of utility fitness-for-duty program cutoff detection levels & advises that cutoff levels of number of drugs has been raised to allow testing lab to use mtg recommended application  
COCKFIELD,D.W. Portland General Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 3pp. 53047.150-53047.152.

9003220038 Forwards response to Generic Ltr 89-19, "Safety Implication of Control Sys in LWR Nuclear Power Plants."  
COCKFIELD,D.W. Portland General Electric Co. 90/03/15. Document Control Branch (Document Control Desk). 4pp. 53113.315-53113.318.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53185.014-53185.069.

#### Q. Inspection reports, IE Bulletins & correspondence

9003080211 Forwards Mgt Meeting Rept 50-344/90-01 on 900112. Licensees must thoroughly follow through on implementation of improvement plans & place high priority on assuring that personnel understands goals & objectives  
ZIMMERMAN,R.P. Region 5, Ofc of the Director. 90/02/12. COCKFIELD,D.W. Portland General Electric Co. 2pp. 52909.001-52909.049.

-9003080223 Mgt Meeting Rept 50-344/90-01 on 900112. Major areas discussed license improvement plans for plant  
RICHARDS,S.A. Region 5, Ofc of the Director. 90/02/12. 47pp. 52909.003-52909.049.

9003010034 Responds to NRC 900119 ltr re violations noted in Insp Rept 50-344/89-30. Corrective actions Administrative Order 5-8 "Temporary Mode" to be evaluated for need to improve control over temporary mode issued for both trains of sys  
COCKFIELD,D.W. Portland General Electric Co. 90/02/20. Document Control Branch (Document Control Desk). 12pp. 52815.343-52815.354.

9003080286 Forwards Insp Rept 50-344/89-31 on 891204-900131 & notice of violation. Violation constitutes repeat violation re noncompliance w/procedures & inadequate supervisory involvement in fire protection program  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/02/20. COCKFIELD,D.W. Portland General Electric Co. 2pp. 52849.277-52849.298.

-9003080289 Notice of violation from Insp on 891204-900131. Violation noted on 890505, when emergency diesel generator lube oil filter inlet temp instrument failed scheduled calor test, Form I&C-10 not initiated.  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/02/20. 2pp. 52849.279-52849.280.

-9003080291 Insp Rept 50-344/89-31 on 891204-900131. Violation noted. Major areas inspected vital areas & equipment in plant, inservice testing activities & followup of open items from previous Insps.  
HUEY,F.R. Region 5, Ofc of the Director. 90/02/20. 18pp. 52849.281-52849.298.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

9003080498 Provides updated response to NRC Bulletin 88-004, "Potential Safety-Related Pump Loss," per 890928 commitment & 900116 telcon. Safety-related centrifugal pumps w/min flow rates evaluated for min flow operation & pump-to-pump interaction.  
COCKFIELD,D.W. Portland General Electric Co. 90/02/27. Document Control Branch (Document Control Desk). 5pp. 52923.164-52923.168.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.099.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.198.

9003230092 Forwards Insp Rept 50-344/90-02 on 900101-0210 & notice of violation. Insp identified mgt & supervisory involvement concerns including inadequate implementation of compensatory actions associated w/Tech Spec emergency change.  
RICHARDS,S.A. Region 5, Ofc of the Director. 90/03/05. COCKFIELD,D.W. Portland General Electric Co. 2pp. 53129.345-53130.018.

-9003230096 Notice of violation from Insp on 900101-0210. Violation noted temporary mod tags for TM 87-076 closed in Aug 1989 had not been removed & original not initiated for tag removal.  
RICHARDS,S.A. Region 5, Ofc of the Director. 90/03/05. 4pp. 53129.347-53129.350.

-9003230097 Insp Rept 50-344/90-02 on 900101-0210. Violations noted. Major areas inspected control room operations, ESF status, maint program, surveillance program, special insp topic followup & review of periodic repts  
MENDONCA,M.M. Region 5, Ofc of the Director. 90/03/05. 28pp. 53129.351-53130.018.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52987.001-52987.094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52997.095-52997.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52997.254-52998.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/27. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/29. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mgt by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52963.408.

9003180049 Forwards response to NRC 900130 request for addl info re inservice insp program second 10-yr interval. Util also requests that priority be given to approval of upgrade to 1988 Code & Relief Requests RR-B2 & RR-B5.  
COCKFIELD,D.W. Portland General Electric Co. 90/03/09. Document Control Branch (Document Control Desk). 10pp. 53042.111-53042.119.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003210098 Ack receipt of 900220 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-344/89-30. Advises that NRC position re monitoring of effluent stream contained in GDC 64 & Reg Guide 1.21  
YUHAS,G.P. Region 5, Ofc of the Director. 90/03/16. COCKFIELD,D.W. Portland General Electric Co. 2pp. 53093.338-53093.351.

9003260540 Forwards rept documenting actions taken in response to NRC Bulletin 88-010, Suppl 1, "Nonconforming Molded-Case Circuit Breakers." Addl circuit breaker identified for replacement.  
COCKFIELD,D.W. Portland General Electric Co. 90/03/18. Document Control Branch (Document Control Desk). 4pp. 53189.133-53189.136.

9003260281 Responds to NRC 900130 request for addl info re WCAP-12024, "Trojan Plant Evaluation for Tube Vibration-Induced Fatigue" for completion & closure of NRC Bulletin 88-002 Anti-vibration bar insertion depths for columns revised.  
COCKFIELD,D.W. Portland General Electric Co. 90/03/19. Document Control Branch (Document Control Desk). 10pp. 53175.347-53175.356.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.228.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168.057-53168.147.

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### R. Periodic operating reports & related correspondence

9003080407 "Annual Rept of Trojan Nuclear Plant for 1989." W/900228 ltr.  
COCKFIELD,D.W. Portland General Electric Co. PGE-1015-89. 89/12/31. 176pp. 62910.142-62910.317.

9002280203 Monthly operating rept for Jan 1990 for Trojan Nuclear Plant. W/900208 ltr.  
ULMER,E.J., YUNDT,C.P. Portland General Electric Co. 90/01/31. 6pp. 52776.099-52776.098.

9003090220 Forwards rept describing NPDES permit violations & discharge monitoring rept for month of Jan 1990.  
COCKFIELD,D.W. Portland General Electric Co. 90/02/27. MARTIN,J.B. Region 5. Ofc of the Director. 3pp. 62950.012-62950.026.

-9003090225 "NPDES Discharge Monitoring Rept, Jan 1990."  
HESS,R.J. Portland General Electric Co. 90/01/31. 11pp. 62950.016-62950.026.

9003130616 Monthly operating rept for Feb 1990 for Trojan Nuclear Plant. W/900305 ltr.  
ULMER,E.J., YUNDT,C.P. Portland General Electric Co. 90/02/28. 5pp. 52995.225-52995.229.

#### S. Reportable occurrences, LERs & related correspondence

9001220189 Requests Commission approval of final draft AO rept to Congress (NUREG-0090, Vol 12, Number 3) for Jul-Sept 1989. One proposed AO for nuclear plant involved deficiencies w/ recirculation sump at Trojan.  
TAYLOR,J.M. Ofc of the Executive Director for Operations. SECY-89-387. 89/12/23. 34pp. 52778.036-52778.071.

**2270192** LER 90-001-00 on 900108, determined that local leak rate testing not performed on inboard containment personnel airlock door equalizing valves. Caused by procedural inadequacy. Valves declared inoperable. W/900207 ltr. JWZE, S.S., YUNDT, C.P. Portland General Electric Co. 90/02/07. 4pp. 52747-191-2747-194

**2270200** LER 89-030-01 on 891212, response time of installed chlorine detectors faster than time assumed in toxic gas analysis & detectors declared operable. Caused by inadequate design spec. New detectors will be installed. W/100209 ltr. JBERSKI, J.D., YUNDT, C.P. Portland General Electric Co. 90/02/09. 6pp. 2747-185-52747-190

**2270115** LER 90-003-00 on 900119, determined that boron injection tank inlet isolation valves could be closed during Modes 3 & 4 operation, causing both centrifugal charging pumps to be inoperable. Valves placed under clearance. W/900219 ltr. JWZE, S.S., YUNDT, C.P. Portland General Electric Co. 90/02/19. 2pp. 52747-185-2747-196

**3090263** Forwards LER 89-007-02 re allowable closure times for control room ventilation isolation dampers exceeded during test. Rev 1 submitted on 891013. Incorrectly reported that changes affected for procedure Rev 2 corrects misstatement. JNDT, C.P. Portland General Electric Co. 90/02/21. Document Control Branch (Document Control Desk). 1p. 52979-110-52979-116

**03090124** LER 89-007-02 on 890406, discovered that isolation dampers in control room ventilation system did not close in time required. Probably caused by pressure switches incorrectly set during installation. Test procedure changed. JBERSKI, J.D., YUNDT, C.P. Portland General Electric Co. 90/02/21. 5pp. 52978-111-52979-116

**3120213** LER 90-004-00 on 900124, emergency control room ventilation B out of service surveillance testing. Caused by personnel error. Control room C-11 panel labeled importance of self-checking emphasized. W/000223 ltr. JWZE, S.S., YUNDT, C.P. Portland General Electric Co. 90/02/23. 6pp. 52979-143-379-148

**3090220** Forwards report describing NPDES permit violations & discharge monitoring for month of Jan 1990. JACKFIELD, D.W. Portland General Electric Co. 90/02/27. MARTIN, J.B. Region 5, Office of the Director. 3pp. 52950-012-52950-026

**3090222** NPDES noncompliance notification on 900107, effluent pH did not reach NPDES limit. Caused by process malfunctions or erroneous sampling. On 0110, sewage treatment effluent BOD exceeded limits. Caused by excessive groundwater in-leakage. ESS, R.J. Portland General Electric Co. 90/02/14. Document Control Branch (Document Control Desk). 3pp. 52950-013-52950-015

**3090226** "NPDES Discharge Monitoring Report, Jan 1990." ESS, R.J. Portland General Electric Co. 90/01/31. 11pp. 52950-016-52950-026

**3120011** Updated special report containing revised dates for fire damper availability. Fire damper #7, located in electrical switchgear Room B, will be restored to operability by 900316 & damper #3 will be restored by 900416. JNDT, C.P. Portland General Electric Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52974-021-52974-021

**3140182** Advises that LER Numbers 89-26 & 89-31 not used during 1989 reporting period. JNDT, C.P. Portland General Electric Co. 90/03/07. Document Control Branch (Document Control Desk). 1p. 52996-258-52996-258

**3160274** Special report on 900213, channel B wind speed declared inoperable due to failed recorder & on 900214, channel A delta temp inoperable due to failing routine surveillance. New parts installed. Both A & B channels operable on 900228. JNDT, C.P. Portland General Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 1p. 53027-184-53027-184

**3210283** LER 90-003-01 on 900119, determined that both boron injection tank inlet isolation valves could have been closed during surveillance testing in Mode 3. Caused by procedural inadequacy. Valves placed under clearance. W/900312 ltr. JWZE, S.S., YUNDT, C.P. Portland General Electric Co. 90/03/12. 6pp. 53100-006-100-011

#### KEY 50-346 DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1

##### security, medical, emergency & fire protection plans

**3010397** Rev 3 to EPIP HS-EP-02240, "Offsite Dose Assessment." W/ 900126 ltr. YERS, T.J. Toledo Edison Co. 90/01/28. 52pp. 52783-236-52783-287

**2260202** Forwards fire protection changes from previous submittals in fire protection compliance approaches, per 891004-05 meetings. Approaches for analyzing effects of high impedance faults & analyzing room heatup also incl. SHELTON, D.C. Toledo Edison Co. 90/02/16. Document Control Branch (Document Control Desk). 25pp. 52739-218-52739-242

**3020135** Forwards comments on draft SER re fire protection program, per meeting with NRC on 900108-10. Util to incorporate fire protection program into updated SAR subsequent to sixth refueling outage. SHELTON, D.C. Toledo Edison Co. 90/02/20. Document Control Branch (Document Control Desk). 6pp. 52816-184-52816-191

**3060019** Forwards emergency response data sys data point library ref files. Util will contact NRC contractor directly in order to arrange mutually acceptable schedule for preliminary testing of sys. SHELTON, D.C. Toledo Edison Co. 90/02/21. Document Control Branch (Document Control Desk). 108pp. 52852-084-52852-192

**3120043** Forwards Safeguards Insp Rept 50-346/90-03 on 900205-13. No violations noted. GREGER, L.R. Region 3, Office of the Director. 90/02/22. SHELTON, D. Toledo Edison Co. 2pp. 52899-197-52899-202

**-9003120045** Insp Rept 50-346/90-03 on 900205-13. No violations noted. Major areas inspected routine, unannounced physical security insp involving TI 2515/102, "Land Vehicle Bomb Contingency Procedure Verification" & mgt effectiveness. CHRISTOFFER, G., CREED, J.R. Region 3, Office of the Director. 90/02/22. 4pp. 52899-199-52899-202

**9003090286** Advises that 891220 Rev 23 to emergency plan consistent with 10CFR50.54(n) & acceptable. GREGER, L.R. Region 3, Office of the Director. 90/02/27. SHELTON, D. Toledo Edison Co. 1p. 52968-092-52968-092

**9003200375** Forwards environ assessment & finding of no significant impact re util 870112 & 890731 requests for nine exemptions from 10CFR50, App R requirements re fixed fire suppression sys, alternate shutdown capability & emergency lighting. WAMBACH, T.V. Project Directorate III-3. 90/03/15. SHELTON, D.C. Toledo Edison Co. 2pp. 53071-239-53071-246

**-9003200379** Environ assessment & finding of no significant impact re util 870112 & 890731 requests for nine exemptions from App R to 10CFR50 for fixed fire suppression sys, alternate shutdown capability & emergency lighting. HANNON, J.N. Project Directorate III-3. 90/03/15. 6pp. 53071-241-53071-246

#### H. General correspondence

**9003050017** Advises that ZA Clayton will replace H Kohn as new State of OH EPA radiological safety officer. CARTER, G.R. Ohio, State of. 90/02/18. WAMBACH, T.V. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52836-336-52836-336

#### J. Insurance & Indemnity Information

**9003020128** Lists util insurers, policy numbers & coverage limits, per 10CFR50.54(w)(4). SHELTON, D.C. Toledo Edison Co. 90/02/20. Document Control Branch (Document Control Desk). 1p. 52798-254-52798-254

#### P. Operating license stage documents & correspondence

**9002230240** Forwards detailed description & justification for proposed alternative method to ASME Section XI requirements for volumetric & surface exams of reactor vessel nozzle to pipe welds. SHELTON, D.C. Toledo Edison Co. 89/12/07. Document Control Branch (Document Control Desk). 6pp. 52719-182-52719-188

**9002270205** Forwards application for amend to License NPF-3, revising post-accident monitoring Tech Spec Tables 3.3-10 & 4.3-10 & refueling operations. SHELTON, D.C. Toledo Edison Co. 90/02/02. Document Control Branch (Document Control Desk). 2pp. 52750-131-52750-150

**-9002270211** Application for amend to License NPF-3, revising Tech Spec Tables 3.3-10, 4.3-10 & Tech Spec 3/4-9.2 re post-accident monitoring instrumentation & refueling operations. SHELTON, D.C. Toledo Edison Co. 90/02/02. 6pp. 52758-133-52758-138

**-9002270216** Proposed Tech Specs revising Tables 3.3-10 & 4.3-10 re post-accident monitoring instrumentation surveillance requirements. \* Toledo Edison Co. 90/02/02. 12pp. 52758-139-52758-150

**9002220507** Discusses proposed alternative to ASME Section III requirements to permit use of nickel base Alloy 690 steam generator tube plugs & requests approval of Alloy 690 steam generator tube plugs by 900331. SHELTON, D.C. Toledo Edison Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52714-127-52714-130

**9002220489** Forwards safety evaluation accepting util responses to NUREG-0737, Items II.F.2 & II.B.1 re instrumentation for detection of inadequate core cooling & reactor head vent, respectively. WAMBACH, T.V. Project Directorate III-3. 90/02/14. SHELTON, D.C. Toledo Edison Co. 8pp. 52700-310-52700-317

**9003020131** Requests NRC concurrence in proposed alternate sampling stds for diesel fuel oil storage tanks, per Tech Spec 4.7.9.1.2.b by 900330. SHELTON, D.C. Toledo Edison Co. 90/02/20. Document Control Branch (Document Control Desk). 2pp. 52800-036-52800-037

**9002270289** Approves use of Alloy 690 as proposed alternative to use of Alloy 600 in B&W steam generator plugs. In response to 900208 request. Alloy 690 has superior anti-corrosion properties & provides acceptable level of quality. HANNON, J.N. Project Directorate III-3. 90/02/21. SHELTON, D.C. Toledo Edison Co. 3pp. 52748-327-52748-329

**9003080270** Comments on static simulator scenarios. Static simulator exam must consist of at least one AT-POWER & one ESFAS initiation scenarios. WRIGHT, G.C. Region 3, Office of the Director. 90/02/21. SIMPKINS, R.A. Toledo Edison Co. 2pp. 52894-050-52894-051

**9003050335** Forwards corrected Amends 145 & 146 to License NPF-3. Amend 145 changes Tech Spec & Basos 4.0.3 in response to Generic Ltr 87-09. Amend 146 covers Type A tests to be conducted during 10-yr inservice insp interval. WAMBACH, T.V. Project Directorate III-3. 90/02/22. SHELTON, D.C. Toledo Edison Co. 3pp. 52825-192-52825-201

**-9003050337** Errata to Amend 145 to License NPF-3 re requirements for surveillance intervals. \* NRC - No Detailed Affiliation Given. 90/02/22. 2pp. 52825-198-52825-199

**-9003050338** Errata to Amend 146 to License NPF-3 re primary containment, containment integrity, containment leakage & containment airlocks. \* NRC - No Detailed Affiliation Given. 90/02/22. 2pp. 52825-200-52825-201

**9003140313** Discusses status of bird performance specimen testing for facilities per 10CFR26 Based on NRC 900129 approval. Will combine bird performance specimens for both facilities as long as both sites submit test samples. SHELTON, D.C. Toledo Edison Co. 90/02/22 Document Control Branch (Document Control Desk) 1p 53030 109-53030 109

**9003150308** Forwards investigative findings re unsatisfactory bird performance testing result. Encl with h/d. SHELTON, D.C. Toledo Edison Co. 90/03/02 Document Control Branch (Document Control Desk) 2pp 53051 021-53051 022

**9003140203** Confirms that on 900223 w/1 electronically transferred to NRC payment for invoices 10529 & 10530 for review of Part 50 application for license amend & Part 55 svcs for period Jan-June 1989. SHELTON, D.C. Toledo Edison Co. 90/03/05 NRC - No Detailed Affiliation Given 1p 53001 350-53001 330

**9003220272** Advises that 900129 Rev 10 to QA program description, updated SAR Chapter 17.2 Rev 0 consistent w/10CFR50, App B & acceptable. MILLER, H.J. Region 3, Oic of the Director 90/03/08 SHELTON, D.C. Toledo Edison Co. 1p 53174 090-53174 090

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2. "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195 014-53195 069

#### Q. Inspection reports, IE Bulletins & correspondence

**9002270228** Withdraws request for approval that stack sample stream remain as initially designed & installed per Acceptance Criterion 11.2 c of SRP 11.5 in response to open item noted in Insp Rept 50-346/84-30. SHELTON, D.C. Toledo Edison Co. 90/02/22 Document Control Branch (Document Control Desk) 2pp 52759 130-52759 131

**9003050293** Responds to violations noted in Insp Rept 50-346/89-26. Corrective actions: transmitter FTR001A2 successfully calibr & returned to svc on 891003, following engineering review of calibr data & LER 89-015 submitted on 891127. SHELTON, D.C. Toledo Edison Co. 90/02/22 Document Control Branch (Document Control Desk) 3pp 52825 226-52825 228

**9003050335** Forwards corrected Amendments 145 & 146 to License NPF-3 Amend 145 changes Tech Spec & Bases 4.0.3 in response to Generic Ltr 87-08 Amend 146 covers Type A tests to be conducted during 10-yr inservice insp interval. WAMBACH, T.V. Project Directorate III-3 90/02/22 SHELTON, D.C. Toledo Edison Co. 3pp 52825 192-52825 201

**9003120043** Forwards Safeguards Insp Rept 50-348/90-03 on 900205-13 No violations noted. GREGER, L.R. Region 3, Oic of the Director 90/02/22 SHELTON, D.C. Toledo Edison Co. 2pp 52999 187-52999 202

**9003120045** Insp Rept 50-348/90-03 on 900205-13 No violations noted. Major areas inspected routine, unannounced physical security insp involving TI 2515/102, "Land Vehicle Bomb Contingency Procedure Verification" & mgt effectiveness. CHRISTOFFER, G., CREED, J.R. Region 3, Oic of the Director 90/02/22 4pp 52989 189-52989 202

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 360

**9002230283** NRC Info Notice 90-011, "Mant Deficiency Associated W/ Solenoid Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52776 163-52776 261

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 98pp 52844 001-52844 099

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 89pp 52844 100-52844 199

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/08 Consolidated Edison Co. of New York, Inc. 88pp 52997 001-52997 094

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997 095-52997 189

**9003010227** NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997 288-52997 018

**9003010293** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844 189-52844 288

**9003020211** NRC Info Notice 90-017, "Weight & Cir of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52963 086-52963 199

**9003050043** NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 299

**9003050148** NRC Bulletin 90-001, "Loss of F.I.O.I. in Transmitters Mfg by Rosemount." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp 52963 300-52963 048

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 88pp 52997 190-52997 287

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/21 Consolidated Edison Co. of New York, Inc. 88pp 53035 129-53035 226

**9003180224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53166 057-53166 147

**9003180308** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108

#### R. Periodic operating reports & related correspondence

**9003080237** "Davis-Besse Nuclear Power Station Semiannual Rept, Effluent & Waste Disposal, Jul-Dec 1989." W/800224 ltr. STORZ, L.F. Toledo Edison Co. 89/12/31 180pp 52922 195-52922 014

**9003200330** Monthly operating rpt for Feb 1990 for Davis-Besse Nuclear Power Station, Unit 1 W/800313 ltr. SARSOUB, B., STORZ, L.F. Toledo Edison Co. 90/02/28 6pp 53078 281-53078 266

#### S. Reportable occurrences, LERs & related correspondence

**9002270060** Submits voluntary rpt of 801215 failure to immediately assemble fire brigade. Decision based on prompt verification that no smoke or fire detector alarms accompanied sprinkler alarm. Event limited to sprinkler sys failure. STORZ, L.F. Toledo Edison Co. 90/02/13 Document Control Branch (Document Control Desk) 2pp 52758 290-52758 291

**9002280212** LER 90-001-00 on 900118, reactor protection sys Channel 2 bypassed temporarily during performance of DB-MI-03207. Caused by inadequate procedure re operable channel removal Procedure SP1105.02 revised W/900220 ltr. STOTZ, J.C., STORZ, L.F. Toledo Edison Co. 90/02/20 4pp 52722 045-52722 048

**9003050264** LER 90-002-00 on 900126, reactor tripped from 73% power. Caused by spurious reactor coolant pump monitor signal indicating only one pump running in each loop. Pump seal to be replaced during sixth refueling outage W/900228 ltr. STOTZ, J.C., STORZ, L.F. Toledo Edison Co. 90/02/26 4pp 52829 202-52829 205

**9003230107** LER 90-003-00 on 900212, station entered Mode 6, refueling w/o operable audible source range indication. Caused by personnel error. Individual course ed W/900314 ltr. STOTZ, J.C., STORZ, L.F. Toledo Edison Co. 90/03/14 4pp 53144 064-53144 067

**9003230058** RO on 900204, daily functional test not done for portable fire detection sys. Caused by shift supervisor failure to ensure that test was done. Requirements of daily functional test will be added to operations dept monthly activity log. STORZ, L.F. Toledo Edison Co. 90/03/15 Document Control Branch (Document Control Desk) 2pp 53139 145-53139 148

**9003260350** LER 90-004-00 on 900217, fuel assembly moved in spent fuel pool while emergency ventilation inoperable. Caused by personnel error. Personnel involved counseled & subj LER part of required reading W/900319 ltr. STOTZ, J.C., STORZ, L.F. Toledo Edison Co. 90/03/19 4pp 53144 144-53144 147

#### DOCKET 50-348 JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

**9001120011** Forwards Insp Repts 50-348/89-33 & 50-364/89-33 on 891208 No violations or deviations noted. CLINE, W.E. Region 2, Oic of the Director 89/12/28 HAIRSTON, W.G. Alabama Power Co. 4pp 52737 049-52737 053

**9001120013** Partially withheld Insp Repts 50-348/89-33 & 50-364/89-33 on 891208 (ref 10CFR2 790 & 73.21). No violations noted. Major areas inspected security contingency planning, specifically bomb threat actions & procedure implementation. STANSBERRY, W.W., MCGUIRE, D.R. Region 2, Oic of the Director 89/12/28 1p 52737 053-52737 053

**9002260577** Rev 16 to EPIP FNP-0-EIP-15, "Emergency Drills." W/800214 ltr. HUDSPETH, J.B. Alabama Power Co. 90/02/14 12pp 52720 248-52720 258

**9002270101** Rev 74 to EPIP FNP-0-EIP-8, "Emergency Communication." W/890216 & HILL, R.O., HUDSPETH, J.B. Alabama Power Co. 90/02/15 47pp 52758 183-52758 238

3080491 Rev 27 to EPIP FNP-0-EIP-16, "Emergency Equipment & Supplies" W/ 30226 ltr.  
UDSPETH, J.B. Alabama Power Co. 90/02/28 180pp. 52856 321-52857:120

3090250 Revised EPIP attachments to Rev 73 to FNP-0-EIP-8 & Rev 6 to FNP-0-EIP-14 W/800227 ltr.  
UDSPETH, J.B. Alabama Power Co. 90/02/27. 31pp. 52984 210-52984:240

3080350 Responds to Generic Ltr 90-01 re request for voluntary participation in RC regulatory impact survey. Completed questionnaire encl.  
HAIRSTON, W.G. Alabama Power Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 53047-018-53047:029

3200072 Forwards Insp Repts 50-348/90-06 & 50-364/90-06 on 900220-23 No violations or deviations noted.  
CLINE, W.E. Region 2, Ofc of the Director. 90/03/09. HAIRSTON, W.G. Alabama Power Co. 3pp. 53071-289-53071:292

03200075 Partially withheld Physical Security Program Insp Repts 50-348/90-06 & 50-364/90-06 on 900220-23 (rel 10CFR2.790(d) & 73.21). Major areas specified physical security program, mgmt support & protected & vital area access control.  
STANSBERRY, W.W., MCGUIRE, D.R. Region 2, Ofc of the Director. 90/03/08. 1p. 53071-292-53071:292

3200453 Rev 10 to EPIP GO-EIP-131, "Emergency Operations Ctr - Corporate Administrators Emergency Equipment & Supply" W/900312 ltr.  
HAIRSTON, W.G. Alabama Power Co. 90/03/12. 10pp. 53079-032-53079:041

3220003 Responds to NRC 900201 ltr re emergency planning weaknesses identified Insp Repts 50-348/89-32 & 50-364/89-21. Corrective actions cited procedures revised. Direct line network notification to state agencies being implemented.  
HAIRSTON, W.G. Alabama Power Co. 90/03/15. Document Control Branch (Document Control Desk). 2pp. 53105-191-53105:192

3260399 Revised EPIPs, including Rev 17 to FNP-0-EIP-15 & Rev 75 to FNP-0-EIP-17/800319 ltr.  
UDSPETH, J.B. Alabama Power Co. 90/03/18. 60pp. 53158-243-53158:302

#### General correspondence

3220318 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." Agrees w/ NUMARC comments.  
HAIRSTON, W.G. Alabama Power Co. 90/03/12. CHILK, S.J. Office of the Secretary of the Commission. 1p. 53086-223-53086:223

#### Insurance & Indemnity Information

3080350 Responds to Generic Ltr 90-01 re request for voluntary participation in RC regulatory impact survey. Completed questionnaire encl.  
HAIRSTON, W.G. Alabama Power Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 53047-018-53047:029

3210368 Provides verification of nuclear insurance reporting requirements specified 10CFR50.54 w(2).  
HAIRSTON, W.G. Alabama Power Co. 90/03/13. Document Control Branch (Document Control Desk). 1p. 63104-258-53104:258

#### Operating license stage documents & correspondence

3260111 "Alabama Power Co Joseph M Farley Nuclear Power Plant Unit 1, Cycle 10 Startup Test Rept." W/900208 ltr.  
HAIRSTON, W.G. Alabama Power Co. 90/02/08. 18pp. 52727-079-52727:094

3070338 Application for amendments to Licenses NPF-2 & NPF-8, allowing GMR-1 canisters to be stored in Class C storage environ. Minor Safety Appliances furnished summary of test results justifying storage requirements.  
HAIRSTON, W.G. Alabama Power Co. 90/02/19. Document Control Branch (Document Control Desk). 3pp. 53023-001-53023:003

3080350 Responds to Generic Ltr 90-01 re request for voluntary participation in RC regulatory impact survey. Completed questionnaire encl.  
HAIRSTON, W.G. Alabama Power Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 53047-018-53047:029

3200292 Forwards SPDS critical function status trees, per G West request during 0206 SPDS audit at plant W/o encl.  
CORE, B.L. Alabama Power Co. 90/03/05. REEVES, E.A. NRC - No Detailed Affiliation Given. 1p. 53079-133-53079:133

3230184 Forwards Amends 82 & 74 to Licenses NPF-2 & NPF-8, respectively & final evaluation Amends change Tech Specs to incorporate minor administrative & editorial changes in listed areas.  
REEVES, E.A. Project Directorate II-1. 90/03/07. HAIRSTON, W.G. Alabama Power Co. p. 53174-092-53174:123

3230190 Amends 82 & 74 to Licenses NPF-2 & NPF-8, respectively, changing Tech Specs to incorporate minor administrative & editorial changes in listed areas.  
JENSEN, E.G. Project Directorate II-1. 90/03/07. 25pp. 53174-096-53174:120

3230192 Safety evaluation supporting Amends 82 & 74 to Licenses NPF-2 & NPF-8, respectively.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/07. 3pp. 53174-121-53174:123

3200105 Emphasizes belief that info contained in Unit 890412 ltr re station blackout expensive to 10CFR50.63.  
HAIRSTON, W.G. Alabama Power Co. 90/03/08. Document Control Branch (Document Control Desk). 2pp. 53070-235-53070:236

3220296 Informs of resolution of USI A-47 per Generic Ltr 89-19.  
HAIRSTON, W.G. Alabama Power Co. 90/03/14. Document Control Branch (Document Control Desk). 2pp. 53147-016-53147:017

3003140088 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195:089

#### Q. Inspection reports, IE Bulletins & correspondence

9001120011 Forwards Insp Repts 50-348/89-33 & 50-364/89-33 on 891206 No violations or deviations noted.  
CLINE, W.E. Region 2, Ofc of the Director. 89/12/28. HAIRSTON, W.G. Alabama Power Co. 4pp. 52737-049-52737:053

-9001120013 Partially withheld Insp Repts 50-348/89-33 & 50-364/89-33 on 891206 (rel 10CFR2.790 & 73.21). No violations noted. Major areas inspected security contingency planning, specifically bomb threat actions & procedure implementation.  
STANSBERRY, W.W., MCGUIRE, D.R. Region 2, Ofc of the Director. 89/12/28. 1p. 52737-053-52737:053

9002260118 Forwards Exam Rept 50-348/OL-89-02 on 891023-26 Exams, answer keys & facility comments also encl.  
PEEBLES, T.A. Region 2, Ofc of the Director. 90/02/02. HAIRSTON, W.G. Alabama Power Co. 2pp. 52740-044-52740:210

-9002260118 Exam Rept 50-348/OL-89-02 on 891023-26 Exam results: three reactor operators & ten senior reactor operators passed exams.  
MOORMAN, J.H., MUNRO, J.F. Region 2, Ofc of the Director. 90/02/02. 200pp. 52740-046-52740:189

-9002260155 Forwards comments on written reactor operator & senior reactor operator exams administered on 891023.  
MOREY, D.N. Alabama Power Co. 89/10/27. MUNRO, J.F. Region 2, Ofc of the Director. 21pp. 52740-190-52740:210

9003050069 Forwards Page 4 to Insp Repts 50-348/89-31 & 50-364/89-31 on 891111-1210 Page inadvertently omitted from original rept.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/02/13. HAIRSTON, W.G. Alabama Power Co. 2pp. 52836-256-52836:258

-9003050093 Page 4 to Insp Repts 50-348/89-31 & 50-364/89-31 on 891111-1210 inadvertently omitted from original rept.  
\* Region 2, Ofc of the Director. 90/02/13. 1p. 52836-258-52836:258

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-cont 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776-262-52776:360

9003080385 Forwards Insp Repts 50-348/90-04 & 50-364/90-04 on 900129-0202 No violations or deviations noted.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/02/23. HAIRSTON, W.G. Alabama Power Co. 3pp. 52910-323-52910:333

-9003080390 Insp Repts 50-348/90-04 & 50-364/90-04 on 900129-0202 No violations or deviations noted. Major areas inspected: followup of open items & review of activities re defects in Unit 1 steam generator tube.  
CROWLEY, B.R. Region 2, Ofc of the Director. 90/02/20. 8pp. 52910-326-52910:333

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776:261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52844-001-52844:099

9003080350 Responds to Generic Ltr 90-01 re request for voluntary participation in NRC regulatory impact survey. Completed questionnaire encl.  
HAIRSTON, W.G. Alabama Power Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 53047-018-53047:029

9003210079 Forwards Insp Repts 50-348/90-01 & 50-364/90-01 on 900111-0210 No violations or deviations noted.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/03/02. HAIRSTON, W.G. Alabama Power Co. 3pp. 53104-108-53104:128

-9003210082 Insp Repts 50-348/90-01 & 50-364/90-01 on 900111-0210 No violations noted. Major areas inspected: review of operational safety verification, monthly surveillance observation, LEARs & action on previous Insp findings.  
MAXWELL, G.F., MILLER, W.H., CANTRELL, F.S. Region 2, Ofc of the Director. 90/03/02. 18pp. 53104-111-53104:128

9002230399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/06. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844:188

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997:084

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997:189

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52997:018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/07.  
Consolidated Edison Co. of New York, Inc. 100pp. 52844:199-52844:298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/08.  
Consolidated Edison Co. of New York, Inc. 104pp. 52963 036-52963 189.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/09.  
Consolidated Edison Co. of New York, Inc. 100pp. 52963 200-52963 299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/09.  
Consolidated Edison Co. of New York, Inc. 109pp. 52863 300-52864 048.

9003200072 Forwards Insp Repts 50-348/90-06 & 50-364/90-06 on 900220-23 No violations or deviations noted.  
CLINE,W.E. Region 2, Ofc of the Director. 90/03/09. HAIRSTON,W.G. Alabama Power Co. 3pp. 53071:289-53071:292.

-9003200075 Partially withheld Physical Security Program Insp Repts 50-348/90-06 & 50-364/90-06 on 900220-23 (ref 10CFR2790(d) & 73.21) Major areas inspected physical security program, mgt support & protected & vital area access control.  
STANSBERRY,W. MCGURE,D.R. Region 2, Ofc of the Director. 90/03/08. 1p. 53071:292-53071:292.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/14.  
Consolidated Edison Co. of New York, Inc. 98pp. 52997 190-52997 287.

9003220003 Responds to NRC 900201 ltr re emergency planning weaknesses identified in Insp Repts 50-348/89-32 & 50-364/89-21. Corrective actions cited procedures revised Direct line network notification to state agencies being implemented.  
HAIRSTON,W.G. Alabama Power Co. 90/03/15. Document Control Branch (Document Control Desk). 2pp. 53105:191-53105:192.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/20.  
Consolidated Edison Co. of New York, Inc. 98pp. 53035:129-53035:228.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166 057-53166:147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/22.  
Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132:100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/23.  
Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165:108.

#### R. Periodic operating reports & related correspondence

9003070384 "Semiannual Radioactive Effluent Release Rept,Jul-Dec 1989." W/900223 ltr.  
HAIRSTON,W.G. Alabama Power Co. 89/12/31. 177pp. 52891:118-52891:292.

9003080136 "Annual Rept of Radiation Dose Distribution at JM Farley Nuclear Plant for 1989." W/890223 ltr.  
HAIRSTON,W.G. Alabama Power Co. 89/12/31. 2pp. 52910:129-52910:130.

9003090287 "Tabulation of Personnel Radiation Exposure at JM Farley Nuclear Plant for 1989 by Work & Job Function." W/900223 ltr.  
HAIRSTON,W.G. Alabama Power Co. 89/12/31. 2pp. 52973:121-52973:122.

9002270136 Monthly operating rept for Jan 1990 for Joseph M Farley Nuclear Plant Unit 1.W/900215 ltr.  
MOREY,D.N., HAIRSTON,W.G. Alabama Power Co. 90/01/31. 5pp. 52758:314-52758:318.

9003200122 Monthly operating rept for Feb 1990 for JM Farley Nuclear Plant,Unit 1.W/900313 ltr.  
MOREY,D.N., HAIRSTON,W.G. Alabama Power Co. 90/02/28. 5pp. 53078 006-53078 010.

9003080424 Forwards addl info inadvertently omitted from Jul-Dec 1989 semiannual radioactive effluent release rept,including changes to process control program.  
HAIRSTON,W.G. Alabama Power Co. 90/03/02. Document Control Branch (Document Control Desk). 1p. 52858 053-52858 081.

-9003080427 Amended, "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989."  
Alabama Power Co. 89/12/31. 28pp. 52858 054-52858 081.

#### S. Reportable occurrences, LERs & related correspondence

9002220552 NPDES noncompliance notification beginning on 891221,oil & grease at river water bldg sump discharge exceeded permit limit.No specific cause could be determined Sump resampled on 900110.  
HAIRSTON,W.G. Alabama Power Co. 90/02/07. Document Control Branch (Document Control Desk). 2pp. 52703:185-52703:186.

9003200100 Part 21 rept re several failures of Fairbanks Morse Engine Piston pins: bushings on upper pistons Caused by incorrect surface pattern on piston pins Piston pins under listed purchase orders to be removed & replaced.  
REDETT,J. Coll Industries, Inc. 90/03/07. Region 3, Ofc of the Director. 2pp. 53078 287-53078 289.

9003210009 LER 90-001-00 on 900213,fire watch not established within required time period due to personnel error Administrative Procedure FNP-0-SOP-04 revised & personnel retrained on requirements W/900313 ltr.  
MOREY,D.N., HAIRSTON,W.G. Alabama Power Co. 90/03/13. 4pp. 53053 055-53053 059.

#### V. Operator Examinations

9002260116 Forwards Exam Rept 50-348/OL-89-02 on 891023-26 Exams,answer keys & facility comments also encl.  
PEEBLES,T.A. Region 2, Ofc of the Director. 90/02/02. HAIRSTON,W.G. Alabama Power Co. 2pp. 52740 044-52740 210.

-9002260119 Exam Rept 50-348/OL-89-02 on 891023-26 Exam results three reactor operators & ten senior reactor operators passed exams.  
MOORMAN,J.H., MUNRO,J.F. Region 2, Ofc of the Director. 90/02/02. 200pp. 52740 046-52740 189.

-9002260165 Forwards comments on written reactor operator & senior reactor operator exams administered on 891023.  
MOREY,D.N. Alabama Power Co. 89/10/27. MUNRO,J.F. Region 2, Ofc of the Director. 21pp. 52740 180-52740 210.

#### DOCKET 50-352 LIMERICK GENERATING STATION, UNIT 1

##### E. NRC Safety Evaluation Report (SER), supps & correspondence

9003020047 Forwards Safety Insp Repts 50-352/90-03 & 50-353/90-03 on 900116-19 No violations noted.  
GALLOWAY,R.M. Region 1, Ofc of the Director. 90/02/14. MCNEILL,C.A. Philadelphia Electric Co. 2pp. 52789:162-52789:170.

-9003020049 Insp Repts 50-352/90-03 & 50-353/90-03 on 900116-19 No violations noted.Major areas inspected design & surveillance program for compliance w/ATWS as described in 10CFR50.62 & NUREG-0991,SSER 9.  
FINKELE,A. Region 1, Ofc of the Director. 90/02/11. 7pp. 52799 164-52799 170.

##### F. Security, medical, emergency & fire protection plans

9003010159 Notification of enforcement conference on 900223 w/utl:n King of Prussia,PA re App R safe shutdown issues.  
DOERFLEIN,L.T. Region 1, Ofc of the Director. 90/02/14. Region 1, Ofc of the Director. 2pp. 52792:191-52792:192.

9003090110 Forwards public version of Revs 124 & 125 to EPIPs, consisting of Rev 9 to EP-201,Rev 20 to EP-201 & Rev 21 to EP-201.  
HUNGER,G.A. Philadelphia Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 3pp. 52897 046-52897:109.

-9003090118 Revised EPIPs,including Rev 9 to EP-201,Rev 20 to EP-201 & Rev 21 to EP-201.  
Philadelphia Electric Co. 90/02/16. 61pp. 52867 049-52867:109.

9003050174 Forwards final SALP Repts 50-352/88-99 & 50-353/88-99 for May 1988 - Aug 1988.Ack that corrective actions are underway to strengthen performance in areas of emergency preparedness & engineering/technical support.  
RUSSELL,W.T. Region 1, Ofc of the Director. 90/02/21. MCNEILL,C.A. Philadelphia Electric Co. 3pp. 52837 001-52837:058.

-9003050186 Final SALP Repts 50-352/88-99 & 50-353/88-99 for May 1988 - Aug 1988 for Unit 1 & Jan-Aug 1989 for Unit 2.  
Region 1, Ofc of the Director. 90/02/21. 58pp. 52837 004-52837:058.

9003080031 Forwards Safety Insp Repts 50-352/90-06 & 50-353/90-05 on 900129-0202 No violations noted.  
DURR,J.P. Region 1, Ofc of the Director. 90/02/21. MCNEILL,C.A. Philadelphia Electric Co. 2pp. 52858 082-52858 090.

-9003080033 Insp Repts 50-352/90-06 & 50-353/90-05 on 900129-0202 No violations noted.Major areas inspected:licensees fire protection/prevention program activities,program administration & control of combustibles & ignition sources.  
LARA,J.F., ANDERSON,C.J. Region 1, Ofc of the Director. 90/02/15. 7pp. 52858 084-52858 090.

9003070344 Forwards Safeguards Insp Repts 50-352/90-05 & 50-353/90-04 on 900129-0202.No violations noted.  
BELLAMY,R.R. Region 1, Ofc of the Director. 90/02/26. MCNEILL,C.A. Philadelphia Electric Co. 2pp. 52853 286-52853 205.

-9003070346 Insp Repts 50-352/90-05 & 50-353/90-04 on 900129-0202 No violations noted.Major areas inspected:mgt support,security programs plans & audits,protected & vital area physical barriers & detection & assessment aids.  
SMITH,C.C. Region 1, Ofc of the Director. 90/02/26. 8pp. 52853 288-52853 295.

9003160037 Forwards Enforcement Conference Rept 50-352/90-04 on 900223 re violations involving 10CFR50,App R fire safe shutdown issues at plant,Notice of Significant Licensee Meeting 90-023 also encl.  
HODGES,M.W. Region 1, Ofc of the Director. 90/03/07. MCNEILL,C.A. Philadelphia Electric Co. 2pp. 53080:300-53080:316.

-9003160042 Enforcement Conference Insp Rept 50-352/90-04 on 900223. Major areas discussed:10CFR50,App R fire safe shutdown issues at plant.  
ANDERSON,C.J., DURR,J.P. Region 1, Ofc of the Director. 90/03/07. 14pp. 53080:303-53080:316.

## H. General correspondence

9003120188 Informs of address change for correspondence control desk to reflect move of nuclear group to Chesterbrook.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/26 Document Control Branch (Document Control Desk). 2pp. 52974-193-52974-194.

## J. Insurance & indemnity information

9003200456 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900118 request.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/12 Document Control Branch (Document Control Desk). 18pp. 53075-091-53075-108.

## P. Operating license stage documents & correspondence

9003070088 Application for amends to Licenses NPF-30 & NPF-85, consisting of Tech Spec Change Request 89-13, removing cycle-specific parameter limits from Tech Specs per guidance contained in Generic Ltr 88-16.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/23 Document Control Branch (Document Control Desk). 10pp. 52889-177-52889-225.

9003070091 Proposed Tech Specs re core operating limits rept & cycle-specific parameter limits.  
Philadelphia Electric Co. 90/02/23. 39pp. 52889-187-52889-225.

9003140240 Notification of 900307 meeting w/util in Rockville, MD to discuss design of main control room ventilation isolation logic.  
CLARK, R.J. Project Directorate I-2. 90/03/02. MURLEY, T., SNIEZEK, J., MIRAGLIA, F. NRC - No Detailed Affiliation Given. 3pp. 53018-358-53018-358.

9003160088 Forwards SER accepting util 880802, 890428, 0530 & 0911 responses to Generic Ltr 88-01 re IGSCC in BWR austenitic stainless steel piping, except for listed items Final "Technical Evaluation Rept on Response..." also encl.  
CLARK, R.J. Project Directorate I-2. 90/03/06 HUNGER, G.A. Philadelphia Electric Co. 5pp. 53041-255-53041-294.

9003160091 SER accepting licensee 880802, 890428, 0530 & 0911 responses to Generic Ltr 88-01, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping," except for listed items. Licensee should submit insp schedules.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/06. 3pp. 53041-260-53041-262.

90031090225 Final "Technical Evaluation Rept on Response From Philadelphia Electric Co to Generic Ltr 88-01 Re Limerick Generating Station, Unit 1."  
BATES, R.C., LAKNER, A. Viking Systems International NRC 03-07-028. 89/10/31. NRC - No Detailed Affiliation Given. 3pp. 53041-263-53041-294.

9003200456 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900118 request.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/12 Document Control Branch (Document Control Desk). 18pp. 53075-091-53075-108.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-069.

## Q. Inspection reports, IE Bulletins & correspondence

9003010159 Notification of enforcement conference on 900223 w/util in King of Prussia, PA re App R safe shutdown issues.  
DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/02/14. Region 1, Ofc of the Director. 2pp. 52792-191-52792-192.

9003020047 Forwards Safety Insp Repts 50-352/90-03 & 50-353/90-03 on 900118-19 No violations noted.  
GALLOW, R.M. Region 1, Ofc of the Director. 90/02/14. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52799-182-52799-170.

9003020049 Insp Repts 50-352/90-03 & 50-353/90-03 on 900118-19 No violations noted. Major areas inspected design & surveillance program for compliance w/ATWS as described in 10CFR50.62 & NUREG-0891, SSER 9.  
FINKEL, A., BLUMBERG, N. Region 1, Ofc of the Director. 90/02/11. 7pp. 52799-164-52799-170.

9003060182 Forwards Safety Insp Repts 50-352/90-09 & 50-353/90-08 on 900205-08 No violations or deviations noted.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/20. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 52851-126-52851-135.

9003060166 Insp Repts 50-352/90-09 & 50-353/90-08 on 900205-08 No violations or deviations noted. Major areas inspected: transportation & solid radwaste programs, mgt controls, audits & QA.  
FURIA, J., BORES, R. Region 1, Ofc of the Director. 90/02/15. 7pp. 52851-129-52851-135.

9003050174 Forwards final SALP Repts 50-352/88-99 & 50-353/88-99 for May 1988 - Aug 1989. Ack that corrective actions are underway to strengthen performance in areas of emergency preparedness & engineering/technical support.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/21. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 52837-001-52837-058.

9003050186 Final SALP Repts 50-352/88-99 & 50-353/88-99 for May 1988 - Aug 1989 for Unit 1 & Jan-Aug 1989 for Unit 2.  
Region 1, Ofc of the Director. 90/02/21. 56pp. 52837-004-52837-058.

9003080031 Forwards Safety Insp Repts 50-352/90-06 & 50-353/90-05 on 900129-0202 No violations noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/02/21. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52858-082-52858-090.

9003080033 Insp Repts 50-352/90-06 & 50-353/90-05 on 900129-0202 No violations noted. Major areas inspected: licensee fire protection/prevention program activities, program administration & control of combustibles & ignition sources.  
LARA, J.F., ANDERSON, C.J. Region 1, Ofc of the Director. 90/02/15. 7pp. 52858-084-52858-090.

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776-262-52776-360.

9003070344 Forwards Safeguards Insp Repts 50-352/90-05 & 50-353/90-04 on 900129-0202 No violations noted.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/26. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52853-286-52853-285.

9003070348 Insp Repts 50-352/90-05 & 50-353/90-04 on 900129-0202 No violations noted. Major areas inspected: mgt support, security programs plans & audits, protected & vital area physical barriers & detection & assessment aids.  
SMITH, G.C. Region 1, Ofc of the Director. 90/02/26. App. 52853-288-52853-285.

9002230283 NRC Info Notice 90-011, "Maint Delinquency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52776-163-52776-261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 88pp. 52844-001-52844-009.

9003190334 Notification of Significant Licensee Meeting 90-003 w/util on 900313 in Limerick, PA re mid-SALP cycle self assessment.  
DOERFLEIN, L.T. Region 1, Ofc of the Director. 90/03/01. Region 1, Ofc of the Director. 2pp. 53087-102-53087-103.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844-100-52844-180.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52897-001-52897-094.

9003160088 Forwards SER accepting util 880802, 890428, 0530 & 0911 responses to Generic Ltr 88-01 re IGSCC in BWR austenitic stainless steel piping, except for listed items Final "Technical Evaluation Rept on Response..." also encl.  
CLARK, R.J. Project Directorate I-2. 90/03/06 HUNGER, G.A. Philadelphia Electric Co. 5pp. 53041-255-53041-294.

9003160091 SER accepting licensee 880802, 890428, 0530 & 0911 responses to Generic Ltr 88-01, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping," except for listed items. Licensee should submit insp schedules.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/06. 3pp. 53041-260-53041-262.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 52897-095-52897-189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52897-288-52897-018.

9003010293 Suppl 2 to NRC Info Notice 80-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-189-52844-298.

9003160037 Forwards Enforcement Conference Rept 50-352/90-04 on 900223 re violations involving 10CFR50, App R fire safe shutdown issues at plant. Notice of Significant Licensee Meeting 90-023 also encl.  
HODGES, M.W. Region 1, Ofc of the Director. 90/03/07. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 53060-300-53060-318.

9003160042 Enforcement Conference Insp Rept 50-352/90-04 on 900223. Major areas discussed: 10CFR50, App R fire safe shutdown issues at plant.  
ANDERSON, C.J., DURR, J.P. Region 1, Ofc of the Director. 90/03/07. 14pp. 53060-303-53060-318.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-098-52963-189.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52963-048.

9003200456 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900118 request.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/12 Document Control Branch (Document Control Desk). 18pp. 53075-091-53075-108.



9003080213 NRC info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facility." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.228.

9003160224 NRC info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiant Incinerators." Svc list encl.  
CUNN, N.G.H.A.M.R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 81pp. 53166.057-53166.147.

9003160306 NRC info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trp Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.168.

#### R. Periodic operating reports & related correspondence

9002270214 Monthly operating reports for Jan 1990 for Limerick Generating Station, Units 1 & 2 W/900212.  
MURPHY, J.J., LEITCH, G.M. Philadelphia Electric Co. 90/01/31. 12pp. 52759.067-52759.078.

9003080305 Forwards "Semiannual Effluent Release Rept 11 Jul through Dec 1989" & "Annual Tower 1 Joint Frequency Distributions of Wind Direction & Speed by Atmospheric Stability Rept 5 for 1989." W/90 Annual Tower 1 rept.  
LEITCH, G.M. Philadelphia Electric Co. 90/02/28. Document Control Branch (Document Control Desk) 1p. 53047.060-53047.112.

9003080308 "Limerick Generating Station Semiannual Effluent Release Rept 11 Jul through Dec 1989."  
MCCORMICK, M.J. Philadelphia Electric Co. 89/12/31. 52pp. 53047.061-53047.112.

9003200115 Monthly operating reports for Feb 1990 for Limerick Generating Station Units 1 & 2 W/900309.  
MURPHY, J.J., LEITCH, G.M. Philadelphia Electric Co. 90/02/28. 16pp. 53075.257-53075.272.

9003200146 Forwards occupational exposure reports for Limerick Generating Station for Jan-Dec 1989 & for License 37-08752-03 for 890101-0725.  
LEITCH, G.M. Philadelphia Electric Co. 90/02/28. Office of Nuclear Regulatory Research (Post 860720) 1p. 53051.025-53051.029.

9003140345 "Std Format for Reporting of Personnel & M/Ren by Work & Job Function for Jan-Dec 1989."  
Philadelphia Electric Co. 89/12/31. 2pp. 53051.028-53051.027.

9003200152 "Std Format for Reporting Number of Personnel & M/Ren by Work & Job Function for 890101-830725."  
Philadelphia Electric Co. 89/12/31. 2pp. 53051.028-53051.029.

#### S. Reportable occurrences, LERs & related correspondence

9002280144 NPDES noncompliance notification on 900129 & 0202, samples taken above permit limit of 1 mg/l. Caused by excessive amount of suspended solids in makeup water due to extensive rainfall. Sampling program being explored.  
MCCORMICK, M.J. Philadelphia Electric Co. 90/02/20. BAUER, R. Pennsylvania, Commonwealth of. 3pp. 52776.160-52776.162.

9003080042 LER 90-002-00 on 900125 identified that main control room ventilation system outside design basis. Caused by misapplication of design basis assumptions. No immediate actions taken as existing procedures adequate. W/900228.  
MADSEN, G.J., MCCORMICK, M.J. Philadelphia Electric Co. 90/02/26. 10pp. 52895.337-52895.348.

9003220189 LER 90-004-00 on 900209, station personnel discovered that on 890708, 22.5 reactor power transient occurred in which reactor thermal power changed by more than 15% of rated thermal power in 1 h. Procedure revised W/900312.  
MADSEN, G.J., MCCORMICK, M.J. Philadelphia Electric Co. 90/03/12. 8pp. 53122.087-53122.094.

9003230094 LER 90-003-00 on 900208, HPCI system inboard isolation valve inadvertently isolated & closed when one channel of isolation logic tripped. Caused by degradation of Darginton output transistor isolation reset W/900312.  
MADSEN, G.J., MCCORMICK, M.J. Philadelphia Electric Co. 90/03/12. 5pp. 53165.002-53165.006.

9003260141 LER 90-005-00 on 900211, no fire watch insps for Rooms 103, 114 & 117 on Elevation 177 ft in reactor and performed by personnel. Caused by personnel error. Person involved disciplined. Training program improved W/900312.  
MADSEN, G.J., MCCORMICK, M.J. Philadelphia Electric Co. 90/03/12. 5pp. 53144.124-53144.128.

#### V. Operator Examinations

9002220844 Confirmatory Action Ltr CAL-180-03 re unsatisfactory licensed operator requalification training program. Ltr confirms actions taken to ensure deficiencies/weaknesses in licensed operator requalification program.  
RUSSELL, W.T. Region 1, OIC of the Director. 90/02/09. MCNEILL, C.A. Philadelphia Electric Co. 4pp. 52745.001-52745.004.

9002280335 Requests discontinuation of listed operator licenses.  
LEITCH, G.M. Philadelphia Electric Co. 90/02/16. Document Control Branch (Document Control Desk) 2pp. 52710.185-52710.186.

9003160056 Provides answer keys, grading results & individual answer sheets for examiners taking generic fundamentals exam section of written operator licensing exam administered on 900207.  
GALLOWAY, M. Region 1, OIC of the Director. 90/03/05. CWIETNIEWICZ, V. Philadelphia Electric Co. 48pp. 53025.334-53026.081.

#### DOCKET 90-353 LIMERICK GENERATING STATION, UNIT 2

##### E. NRC Safety Evaluation Report (SER), update & correspondence

9003020047 Forwards Safety Insp Repts 50-352/90-03 & 50-353/90-03 on 900116. 19 No violations noted.  
GALLOWAY, M. Region 1, OIC of the Director. 90/02/14. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52799.162-52799.170.

9003020049 Insp Repts 50-352/90-03 & 50-353/90-03 on 900116. 19 No violations noted. Major areas inspected design & surveillance program for compliance w/ATWS as described in 10CFR50.62 & NUREG-0981, SSER 9.  
FINKELE, A. Region 1, OIC of the Director. 90/02/11. 7pp. 52799.164-52799.170.

9003060004 Forwards "Inservice Insp (ISI) Program First 10-Yr Interval." Vols 1 & 2 & ref. Forwarding Books 1 & 2, per NUREG-0981, SSER 7 & 891222.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/26. Document Control Branch (Document Control Desk) 2pp. 52629.273-52633.144.

##### F. Security, medical, emergency & fire protection plans

9003090110 Forwards public version of Revs 124 & 125 to EPIPs, consisting of Rev 5 to EP-201, Rev 20 to EP-291 & Rev 21 to EP-291.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/16. Document Control Branch (Document Control Desk) 3pp. 52967.046-52967.109.

9003090118 Revised EPIPs, including Rev 9 to EP-201, Rev 20 to EP-291 & Rev 21 to EP-291.  
Philadelphia Electric Co. 90/02/16. 61pp. 52967.049-52967.109.

9003050174 Forwards final SALP Repts 50-352/88-99 & 50-353/88-99 for May 1988. Aug 1989. Ack that corrective actions are underway to strengthen performance in areas of emergency preparedness & engineering/technical support.  
RUSSELL, W.T. Region 1, OIC of the Director. 90/02/21. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 52837.001-52837.059.

9003050188 Final SALP Repts 50-352/88-99 & 50-353/88-99 for May 1988. Aug 1989 for Unit 1 & Jan-Aug 1989 for Unit 2.  
Region 1, OIC of the Director. 90/02/21. 58pp. 52837.004-52837.058.

9003080031 Forwards Safety Insp Repts 50-352/90-06 & 50-353/90-05 on 900129. 0202 No violations noted.  
DURR, J.P. Region 1, OIC of the Director. 90/02/21. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52858.082-52858.090.

9003080033 Insp Repts 50-352/90-06 & 50-353/90-05 on 900129. 0202. No violations noted. Major areas inspected licensee fire protection/prevention program activities, program administration & control of combustibles & ignition sources.  
LARA, J.F. Region 1, OIC of the Director. 90/02/15. 7pp. 52858.084-52858.090.

9003070344 Forwards Safeguards Insp Repts 50-352/90-05 & 50-353/90-04 on 900120. 0202 No violations noted.  
BELLAMY, R.R. Region 1, OIC of the Director. 90/02/26. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52853.286-52853.295.

9003070348 Insp Repts 50-352/90-05 & 50-353/90-04 on 900129. 0202. No violations noted. Major areas inspected mgmt support, security programs plans & audits, protected & vital area physical barriers & detection & assessment aids.  
SMITH, G.C. Region 1, OIC of the Director. 90/02/26. 8pp. 52853.288-52853.295.

##### H. General correspondence

9003210188 Informs of address change for correspondence control desk to reflect move of nuclear group to Chesterbrook.  
HUNGER, G.A. Philadelphia Electric Co. 90/02/26. Document Control Branch (Document Control Desk) 2pp. 52974.193-52974.194.

##### J. Insurance & indemnity information

9003200456 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900118 request.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/12. Document Control Branch (Document Control Desk) 18pp. 53075.091-53075.108.

##### P. Operating license stage documents & correspondence

9002280354 Forwards Amend 2 to License NPF-85 & safety evaluation. Amend revises Tech Specs to remove onsite & offsite organizational charts from Tech Specs 6.2.1 & 6.2.2 & to make administrative changes, per Generic Ltr 88-08.  
CLARK, R.J. Project Directorate I-2. 90/02/08. HUNGER, G.A. Philadelphia Electric Co. 3pp. 52739.163-52739.187.

9002280355 Amend 2 to License NPF-85, revising Tech Specs to remove onsite & offsite organizational charts from Tech Specs 6.2.1 & 6.2.2 & making administrative changes, per Generic Ltr 88-08.  
BUTLER, W.R. Project Directorate I-2. 90/02/08. 18pp. 52739.166-52739.181.

9002280357 Safety evaluation supporting Amend 2 to License NPF-85.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 52739.184-52739.187.



1181 Discussions & forwards results of field verification testing of unit SPDS, per se commitment to submit rept within 30 days after unit SPDS declared final. No significant problems encountered w/SPDS during power ascension.  
J. ER, G.A. Philadelphia Electric Co. 90/02/15. Document Control Branch (Docu-Control Desk). 10pp. 52738-111-52738-120.

0088 Application for amendments to Licenses NFF-39 & NPF-85, consisting of Tech Change Request 89-13, removing cycle-specific parameter limits from Tech per guidance contained in Generic Ltr 88-16.  
J. ER, G.A. Philadelphia Electric Co. 90/02/23. Document Control Branch (Docu-Control Desk). 10pp. 52689-177-52689-225.

0091 Proposed Tech Specs re core operating limits rept & cycle-specific parameter limits.  
Philadelphia Electric Co. 90/02/23. 39pp. 52889-187-52889-225.

240 Notification of 900307 meeting w/utl in Rockville, MD to discuss design of control room ventilation isolation logic.  
R.R.J. Project Directorate 1-2. 90/03/02. MURLEY, T., SNIJEZEK, J., MIRAGLIA, F. No Data Attribution Given. 3pp. 53018-356-53018-358.

0088 Forwards SER accepting utl 880802,890428,0530 & 0911 responses to Ltr 88-01 re IGSCC in BWR austenitic stainless steel piping, except for listed items. "Technical Evaluation Rept on Response..." also encl.  
R.R.J. Project Directorate 1-2. 90/03/06. HUNGER, G.A. Philadelphia Electric Co. 53041-255-53041-294.

0091 SER accepting licensee 880802,890428,0530 & 0911 responses to Gen. Ltr 88-01, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping," 1 for listed items. Licensee should submit insp schedules.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/06. 3pp. 5260-53041-262.

1456 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in Regulatory Impact Survey," per 900118 request.  
J. ER, G.A. Philadelphia Electric Co. 90/03/12. Document Control Branch (Docu-Control Desk). 18pp. 53075-091-53075-108.

0089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
LOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-089.

#### action reports, IE Bulletins & correspondence

0047 Forwards Safety Insp Repts 50-352/90-03 & 50-353/90-03 on 900118 violations noted.  
J.W.R.M. Region 1, Ofc of the Director. 90/02/14. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52789-162-52789-170.

2049 Insp Repts 50-352/90-03 & 50-353/90-03 on 900118-10. No violations. Major areas inspected design & surveillance program for compliance w/ATWS described in 10CFR50.62 & NUREG-0991, SSER 9.  
J.L.A. BLUMBERG, N. Region 1, Ofc of the Director. 90/02/11. 7pp. 52709-164-170.

1182 Forwards Safety Insp Repts 50-352/90-09 & 50-353/90-08 on 900205 violations or deviations noted.  
J.W.R.M. Region 1, Ofc of the Director. 90/02/20. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 52851-126-52851-135.

60168 Insp Repts 50-352/90-09 & 50-353/90-08 on 900205-09. No violations or deviations noted. Major areas inspected: transportation & solid radwaste programs, mgls, audits & QA.  
J.W. BORES, R. Region 1, Ofc of the Director. 90/02/15. 7pp. 52851-129-135.

1174 Forwards final SALP Repts 50-352/88-99 & 50-353/88-99 for May 1988 - 1989. Ack that corrective actions are underway to strengthen performance in emergency preparedness & engineering/technical support.  
J.E.L.W.T. Region 1, Ofc of the Director. 90/02/21. MCNEILL, C.A. Philadelphia Electric Co. 3pp. 52837-001-52837-058.

60166 Final SALP Repts 50-352/88-99 & 50-353/88-99 for May 1988 - Aug 1989 for Unit 1 & Jan-Aug 1989 for Unit 2.  
Region 1, Ofc of the Director. 90/02/21. 68pp. 52837-004-52837-058.

0031 Forwards Safety Insp Repts 50-352/90-08 & 50-353/90-05 on 900129. No violations noted.  
J.P.F. Region 1, Ofc of the Director. 90/02/21. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52658-082-52658-090.

80033 Insp Repts 50-352/90-08 & 50-353/90-05 on 900129-0202. No violations. Major areas inspected: licensee fire protection/prevention program files, program administration & control of combustibles & ignition sources.  
J.F.F. ANDERSON, C.J. Region 1, Ofc of the Director. 90/02/15. 7pp. 52858-084-3090.

0093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-800." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52778-282-52778-360.

0004 Forwards "Inservice Insp (ISI) Program First 10-Yr Interval." Vols 1 & 2 & Drawings Books 1 & 2, per NUREG-0991, SSER 7 & 891222 ltr.  
J. ER, G.A. Philadelphia Electric Co. 90/02/26. Document Control Branch (Docu-Control Desk). 2pp. 52829-273-52833-144.

00005 "Inservice Insp (ISI) Program First 10-Yr Interval." Vols 1 & 2 & Books 1 & 2 w/47 oversize drawings.  
Bart/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 90/02/26. 1,310pp. 9-275-52833-144.

9003070344 Forwards Safeguards Insp Repts 50-352/90-05 & 50-353/90-04 on 900129-0202. No violations noted.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/26. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 52853-288-52853-285.

-9003070348 Insp Repts 50-352/90-05 & 50-353/90-04 on 900129-0202. No violations noted. Major areas inspected: mgmt support, security programs plans & audits, protected & vital area physical barriers & detection & assessment aids.  
SMITH, G.C. Region 1, Ofc of the Director. 90/02/26. 8pp. 52853-288-52853-295.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52778-183-52778-281.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52844-001-52844-089.

9003080318 Responds to NRC 900131 ltr re violations noted in Insp Rept 50-353/89-32 on 891211-15. Corrective action utl w/ document both receipt & shipment of fuel loading chambers on next semiannual DOE/NRC Form 742.  
MCCORMICK, M.J. Philadelphia Electric Co. 90/03/01. Document Control Branch (Docu-Control Desk). 7pp. 52967-018-52967-022.

9003190334 Notification of Significant Licensee Meeting 90-003 w/utl on 900313 in Limerick, PA re mid-SALP cycle salt assessment.  
DOERFFLEIN, L.T. Region 1, Ofc of the Director. 90/03/01. Region 1, Ofc of the Director. 2pp. 53067-102-53067-103.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-084.

9003180088 Forwards SER accepting utl 880802,890428,0530 & 0911 responses to Generic Ltr 88-01 re IGSCC in BWR austenitic stainless steel piping, except for listed items. "Technical Evaluation Rept on Response..." also encl.  
CLARK, R.J. Project Directorate 1-2. 90/03/06. HUNGER, G.A. Philadelphia Electric Co. 5pp. 53041-255-53041-262.

-9003180091 SER accepting licensee 880802,890428,0530 & 0911 responses to Generic Ltr 88-01, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping," except for listed items. Licensee should submit insp schedules.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/06. 3pp. 53041-260-53041-262.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-005-52997-189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52998-018.

9003010293 Suppl 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-189-52844-288.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52983-086-52983-189.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52983-200-52983-299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52983-300-52984-048.

9003200456 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," per 900118 request.  
HUNGER, G.A. Philadelphia Electric Co. 90/03/12. Document Control Branch (Docu-Control Desk). 18pp. 53075-091-53075-108.

9003210239 Ack receipt of 900301 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-353/89-32.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/03/12. MCNEILL, C.A. Philadelphia Electric Co. 2pp. 53105-139-53105-148.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 99pp. 52997-190-52997-287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Marg'n Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 99pp. 53035-129-53035-226.

9003160224 NRC info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 81pp. 53166 057-53166 147.

9003160306 NRC info Notice 90-021 "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132 100.

9003190349 NRC info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C. E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 108.

#### R. Periodic operating reports & related correspondence

9002270214 Monthly operating reports for Jan 1990 for Limerick Generating Station, Units 1 & 2 W/900212 ltr.  
MURPHY, J.J., LEITCH, G.M. Philadelphia Electric Co. 90/01/31. 12pp. 52759.067-52759.078.

9003080305 Forwards "Semiannual Effluent Release Rept 11 Jul through Dec 1989" & "Annual Tower 1 Joint Frequency Distributions of Wind Direction & Speed by Atmospheric Stability Rept 5 for 1989." W/0 Annual Tower 1 rept.  
LEITCH, G.M. Philadelphia Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 53047.060-53047.112.

9003080309 "Limerick Generating Station Semiannual Effluent Release Rept 11 Jul through Dec 1989."  
MCCORMICK, M.J. Philadelphia Electric Co. 89/12/31. 52pp. 53047.061-53047.112.

9003200115 Monthly operating reports for Feb 1990 for Limerick Generating Station Units 1 & 2 W/900309 ltr.  
MURPHY, J.J., LEITCH, G.M. Philadelphia Electric Co. 90/02/28. 16pp. 53075.257-53075.272.

9003200146 Forwards occupational exposure reports for Limerick Generating Station for Jan-Dec 1989 & for License 37-08752-09 for 890101-0725.  
LEITCH, G.M. Philadelphia Electric Co. 90/02/28. Office of Nuclear Regulatory Research (Post 860720). 1p. 53051.025-53051.029.

9003140345 "Std Format for Reporting of Personnel & M/Ren by Work & Job Function for Jan-Dec 1989."  
Philadelphia Electric Co. 89/12/31. 2pp. 53051.026-53051.027.

#### S. Reportable occurrences, LERs & related correspondence

9002220515 LER 90-002-00 on 900105, containment H<sub>2</sub>/O<sub>2</sub> analyzer declared inoperable during containment mating. Caused by reversed tubing connections in installation of analyzer due to mislabeling. Analyzer restored W/900207 ltr.  
MADSEN, G.J., MCCORMICK, M.J. Philadelphia Electric Co. 90/02/07. 7pp. 52712.280-52712.286.

9002280144 NPDES noncompliance notification on 900129 & 0202, samples taken above permit limit of 1 mg/l. Caused by excessive amount of suspended solids in makeup water due to extensive rainfall. Sampling program being explored.  
MCCORMICK, M.J. Philadelphia Electric Co. 90/02/20. BAUER, R. Pennsylvania, Commonwealth of. 3pp. 52778.160-52778.162.

#### V. Operator Examinations

9002220844 Confirmatory Action Ltr CAL-1-90-03 re unsatisfactory licensed operator requalification training program. Ltr confirms actions taken to ensure deficiencies/weaknesses in licensed operator requalification program.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/09. MCNEILL, C.A. Philadelphia Electric Co. 4pp. 52745.001-52745.004.

9002260336 Requests discontinuation of listed operator licenses.  
LEITCH, G.M. Philadelphia Electric Co. 90/02/16. Document Control Branch (Document Control Desk). 2pp. 52710.185-52710.186.

9003150056 Provides answer keys, grading results & individual answer sheets for examinees taking generic fundamentals exam section of written operator licensing exam administered on 900207.  
GALL, R.M. Region 1, Ofc of the Director. 90/03/05. CWIETNIEWICZ, V. Philadelphia Electric Co. 46pp. 53025.334-53026.061.

#### DOCKET 50-354 HOPE CREEK NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9003050138 Forwards Safety Insp Repts 50-272/90-04, 50-311/90-04 & 50-354/90-01 on 900101-0212. No violations noted.  
BLOUGH, A.R. Region 1, Ofc of the Director. 90/02/23. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 52823.162-52823.193.

9003050139 Insp Repts 50-272/90-04, 50-311/90-04 & 50-354/90-01 on 900101-0212. No violations noted. Major areas inspected: operations, radiological controls, maintenance & surveillance testing, emergency preparedness & security.  
SWEILAND, P.D. Region 1, Ofc of the Director. 90/02/23. 30pp. 52823.164-52823.193.

9003160409 Rev 8 to EPIP 901, "Opening of Technical Support Ctr."  
Public Service Electric & Gas Co. of New Jersey. 90/03/02. 18pp. 53020.037-53020.053.

9003190116 Rev 2 to Emergency Plan  
Public Service Electric & Gas Co. of New Jersey. 90/03/02. 108pp. 53066.254-53067.092.

9003200288 Revised EPIPs, including Rev 8 to EPIP 102H, 103H & 301H, Rev 5 to EPIP 104H, Rev 10 to EPIP 204H, Rev 8 to EPIP 202H, Rev 9 to EPIP 302H, Rev 7 to EPIP 303H, Rev 2 to EPIP 305H, Rev 4 to EPIP 306H & Rev 3 to EPIP 308H  
Public Service Electric & Gas Co. of New Jersey. 90/03/02. 240pp. 53070.237-53071.116.

9003200272 Revised EPIPs, including Rev 4 to EPIP 801.803 & 805, Rev 3 to EPIP 802, Rev 2 to EPIP 804 & Rev 0 to EPIP 807 & 808  
Public Service Electric & Gas Co. of New Jersey. 90/03/02. 74pp. 53073.233-53073.305.

#### J. Insurance & indemnity information

9003080507 Forwards executed Amend 14 to Indemnity Agreement B-74.  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 90/02/28. D'NITZ, J. Document Control Branch (Document Control Desk). 3pp. 52692.150-52692.152.

#### P. Operating license stage documents & correspondence

9002160171 Identifies licensees requesting delays in submitting individual plant exam results.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. SECY-90-039. 90/02/31. 4pp. 53045.355-53045.358.

9002220274 Advises that 891227 request to apply ASME Section XI Code Case N-460 has been reviewed & approved for application to plants.  
SHIRAKI, C.Y., STONE, J.C. Project Directorate 1-2. 90/02/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 52714.144-52714.147.

9003090126 Retracts 900214 4 h nonemergency rept made to NRC operations center per 10CFR50.72(b)(2)(iii) re removal of HPCI sys from svc for planned sys outage & advises that event classification guide will be revised to reflect NUREG-1022.  
HAGAN, J.J. Public Service Electric & Gas Co. of New Jersey. 90/02/23. Document Control Branch (Document Control Desk). 1p. 52973.134-52973.134.

9003080144 "Reactor Containment Bldg Integrated Leak Rate Test Final Rept." W/900216 ltr.  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 90/02/28. 215pp. 52837.247-52838.101.

9003150290 Requests addl info re response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment."  
SHIRAKI, C.Y., Project Directorate 1-2. 90/03/02. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53025.255-53025.258.

9003150110 Forwards list representing NRC assessment of USI implementation at plant. Results of assessment presented to Commission at 900214 meeting.  
SHIRAKI, C.Y., Project Directorate 1-2. 90/03/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53059.348-53059.351.

9003220302 Forwards FR correction notice correcting date of application requesting removal of 3.25 limit on extending surveillance intervals in Tech Specs 4.0.2.  
SHIRAKI, C.Y., Project Directorate 1-2. 90/03/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 53165.264-53165.267.

9003220308 FR correction notice, correcting Page 8116 in second column of 900221 application for amend to license.  
THADANI, M.C. Project Directorate 1-2. 90/03/08. 2pp. 53165.268-53165.267.

9003150475 Provides addl info in response to Generic Ltr 88-11 re radiation embrittlement of reactor vessel walls, including comparison of irradiation embrittlement predictions of Reg Guide 1.99, Revs 1 & 2 for plant.  
CRIMMINS, T.M. Public Service Electric & Gas Co. of New Jersey. 90/03/08. Document Control Branch (Document Control Desk). 21pp. 53020.057-53020.077.

9003260441 Advises that all licensees must make arrangements to install neutron flux monitoring instrumentation that conforms to requirements of 10CFR50.49 & Reg Guide 1.97. Plans re sub matter requested within 45 days of tr receipt.  
SHIRAKI, C.Y., Project Directorate 1-2. 90/03/16. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 2pp. 53149.140-53149.149.

9003260444 Advises that all licensees must install neutron flux monitoring instrumentation that conforms to requirements of Reg Guide 1.97 & 10CFR50.49. Encl tr & SER finds that BWR Owners Group position unacceptable.  
MARCUS, B.S. Instrumentation & Control Systems Branch. 90/02/02. NRC - No Detailed Affiliation Given. 1p. 53149.142-53149.149.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.089.

9003260313 Advises that individual plant exam approach, methodology & schedule, provided in 891101 ltr in response to Generic Ltr 88-20, acceptable schedule changes should be reported to NRC.  
STONE, J.C. Project Directorate 1-2. 90/03/20. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53149.158-53149.161.

#### Q. Inspection reports, IE Bulletins & correspondence

9002270457 Forwards "1989 Inservice Exam of Selected Class 1 & Class 2 Piping & Components at Hope Creek Generating Station" & "Sept/Oct 1989 Inservice Exam of Selected Class 1 & Class 2 Components at Hope Creek Generating Station."  
MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 90/02/16. Document Control Branch (Document Control Desk). 225pp. 52741.092-52744.304.

9002270459 Vol 1 to "Sept/Oct 1989 Inservice Exam of Selected Class 1 & Class 2 Components at Hope Creek Generating Station."  
INGAMELLS, J.R. Southwest Research Institute. 89/12/31. 300pp. 52742.146-52743.132.

0462 Vol 1 to "1989 Inservice Exam of Selected Class 1 & Class 2 Piping & Vessels at Hope Creek Generating Station." E. Southwest Research Institute 80/06/30. 500pp. 52743:133-52744:304

363 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-309." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. dated Edison Co. of New York, Inc. 89pp. 52776:262-52776:360.

138 Forwards Safety Insp Repts 50-272/90-04,50-311/90-04 & 50-354/90-01 101-0212.No violations noted. H.A.R. Region 1, Ofc of the Director 90/02/23. MILTENBERGER,S. Public Electric & Gas Co. of New Jersey. 2pp. 52823:162-52823:193.

0139 Insp Repts 50-272/90-04,50-311/90-04 & 50-354/90-01 on 900101-0 violations noted Major areas inspected. operations,radiological controls,main alliance testing,emergency preparedness & security. AND,P.D. Region 1, Ofc of the Director. 90/02/23. 30pp. 52823:164:193

283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operatives." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. dated Edison Co. of New York, Inc. 89pp. 52776:163-52776:261.

379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communication." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. dated Edison Co. of New York, Inc. 89pp. 52844:001-52844:090.

399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Logs." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. dated Edison Co. of New York, Inc. 89pp. 52844:100-52844:108.

381 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl. NGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 06. Consolidated Edison Co. of New York, Inc. 88pp. 52997:001-52997:004.

172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiological Control Directors Before Beginning Work in Agreement States." Svc list encl. NGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 07. Consolidated Edison Co. of New York, Inc. 89pp. 52997:085-52997:189.

227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. VRT,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997:286:318.

293 Suppt 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresentations." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. dated Edison Co. of New York, Inc. 100pp. 52844:189-52844:208.

211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Valves." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. dated Edison Co. of New York, Inc. 104pp. 52063:098-52063:199.

343 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. dated Edison Co. of New York, Inc. 100pp. 52963:200-52963:299.

148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. dated Edison Co. of New York, Inc. 109pp. 52963:300-52964:048.

512 Responds to NRC 900207 ltr re violations noted in Insp Rept 50-354/89-0 active actions:periodic mgt evaluation of procedure writing effort will be con- to ensure that no recurrence of backlog problems occur. BERGER,S. Public Service Electric & Gas Co. of New Jersey. 90/03/09. Doc- Control Branch (Document Control Desk). 5pp. 53180:158-53180:162.

213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Isolation Spray at PWR Facilities." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. dated Edison Co. of New York, Inc. 89pp. 52997:190-52997:287.

312 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. dated Edison Co. of New York, Inc. 89pp. 53035:129-53035:226.

224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Op- of Radwaste Incinerators." Svc list encl. NGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 22. Consolidated Edison Co. of New York, Inc. 91pp. 53166:057-53166:147.

306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. dated Edison Co. of New York, Inc. 100pp. 53132:001-53132:100.

349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following ation of Power to Rosemount Transmitter Trip Units." Svc list encl. C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. dated Edison Co. of New York, Inc. 102pp. 53165:007-53165:108.

#### dic operating reports & related correspondence

106 "Hope Creek Generating Station 1989 Semiannual Radioactive Effluent e Rept.Jul-Dec 1989." W/900228 ltr. NBERGER,S. Public Service Electric & Gas Co. of New Jersey. RERR-8. 89/ 48pp. 52950:083-52950:127.

9002270169 Monthly operating rept for Jan 1990 for Hope Creek Generating Station,Unit 1,W/900215 ltr. LOEPER,S. HAGAN,J.J. Public Service Electric & Gas Co. of New Jersey. 90/01/31. 13pp. 52748:317-52749:329.

9003090358 Forwards printouts containing RW-859 nuclear fuel data for period ending 891231 & diskettes. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 90/02/14. Energy, Dept. of 92pp. 52953:335-52954:068.

9003010013 "Annual Rept of Challenges to Main Steam Line Safety/Relief Valves For 1989." HAGAN,J.J. Public Service Electric & Gas Co. of New Jersey. 90/02/21. Document Control Branch (Document Control Desk). 2pp. 52785:294-52785:295

9003080467 Annual operating rept for 1989 for Salem & Hope Creek Generating Stations. MILTENBERGER,S. Public Service Electric & Gas Co. of New Jersey. 90/02/28. Doc- Control Branch (Document Control Desk). 12pp. 52909:226-52909:237.

9003200184 Monthly operating rept for Feb 1990 for Hope Creek Generating Station Unit 1,W/900315 ltr. LOEPER,S. BRENNAN,C., HAGAN,J.J. Public Service Electric & Gas Co. of New Jersey. 90/02/28. 12pp. 53071:149-53071:160.

#### S. Reportable occurrences, LERs & related correspondence

9003010283 LER 90-002-00: on 900119,HPCI outboard steam supply isolation valve auto closed on high room differential temp signal. Caused by inoperative temp control loop.Troubleshooting of loop initiated to determine malfunction W/900219 ltr. COWLES,R.B. HAGAN,J.J. Public Service Electric & Gas Co. of New Jersey. 90/02/ 19. 5pp. 52747:260-52747:264.

9003220264 LER 90-028-01: on 891231,leak from weld on 1-inch reactor recirculation sys elbow tap flow transmitter instrument line joint discovered.Caused by equipment failure due to installation deficiency during plant const W/900315 ltr. COWLES,R.B. HAGAN,J.J. Public Service Electric & Gas Co. of New Jersey. 90/03/15. 7pp. 53100:081-53100:087.

9003280457 PNO-I-90-024: on 900310,power outage on Salem deans line resulted in Hope Creek reactor scram.Caused by low reactor vessel water level resulting from loss of all feedwater & condensate pumps States of NJ & DE have been notified. SWETLAND Region 1, Ofc of the Director. 90/03/20. 1p. 53175:344-53175:344.

#### V. Operator Examinations

9003140444 Forwards results of generic fundamentals exam section of written operator licensing exam administered on 900207. GALLO,R.M. Region 1, Ofc of the Director. 90/03/05. CERAVOLO,R.L. Public Service Electric & Gas Co. of New Jersey. 88pp. 53023:311-53024:038.

#### DOCKET 60-365 HOPE CREEK NUCLEAR STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9003190116 Rev 2 to Emergency Plan \* Public Service Electric & Gas Co. of New Jersey. 90/03/02. 109pp. 53066:254-53067:092.

9003200272 Revised EPIPs,including Rev 4 to EPIP 801,803 & 805,Rev 3 to EPIP 802,Rev 2 to EPIP 804 & Rev 0 to EPIP 807 & 808. \* Public Service Electric & Gas Co. of New Jersey. 90/03/02. 74pp. 53073:233-53073:305.

#### DOCKET 50-361 SAN ONOFRE NUCLEAR STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9003020237 Rev 3.1 to plant emergency plan. RAY,H.B. Southern California Edison Co. 90/02/12. 65pp. 52789:323-52800:018.

9003020109 Rev 3.1 to "San Onofre Nuclear Generating Station Emergency Plan." W/ 900215 ltr. RAY,H.B. Southern California Edison Co. 90/02/15. 54pp. 52788:159-52789:212.

9002230497 Responds to 881117 request for assistance in reviewing open issue identified during post-lire safe shutdown capability insp at plant.Recommends that issue re reactor coolant pump be closed pending resolution of Generic Issue 23. HOLAHAN,G.M. Assistant Director for Region III Reactors (Post 881001). 90/02/16. ZIMMERMAN,R. Region 5, Ofc of the Director. 2pp. 52715:115-52715:116.

9003010483 Forwards Rev 8 to safeguards contingency plan for NRC review & advises of actual drill performance confirming adequacy & applicability of short-term contingency plan for defense against surface vehicle bomb.Rev withheld (ref 10CFR73.21). MORGAN,H.E. Southern California Edison Co. 90/02/22. Document Control Branch (Document Control Desk). 1p. 52781:043-52781:043.

9003020253 Forwards response to NRC 900130 ltr re violations noted in Insp Repts 50-206/90-03,50-361/90-03 & 50-362/90-03 Encl withheld (ref 10CFR73.21). RAY,H.B. Southern California Edison Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52798:272-52798:272.

9003160326 Responds to NRC 900205 ltr re violations noted in Insp Repts 50-361/89-33 & 50-362/89-33.Corrective actions action taken w/responsible supervisor to ensure that health physics technician overtime controlled & authorized. RAY,H.B. Southern California Edison Co. 90/03/05. Document Control Branch (Document Control Desk). 4pp. 53049:033-53049:036.

9003260331 Advises that 891113 Rev 3 to physical security plan consistent w/provisions of 10CFR50.54(p) & 10CFR50 App E & acceptable.  
YUHAS,G.P. Region 5, Ofc of the Director. 90/03/16. RAY,H.B. Southern California Edison Co. 1p. 53149.201-53149.201

#### P. Operating license stage documents & correspondence

9002260013 Responds to RA Hermann inquiry re C-E metallurgical exam rept of failed Unit 3 pressurizer nozzle Encl internal until rept concludes that failure due to pure water stress corrosion cracking failed nozzle replaced.  
NANDY,F.R. Southern California Edison Co. 90/02/07. Document Control Branch (Document Control Desk) 32pp. 52711.001-52711.032

9002260472 Informs that addl info requested on spent fuel pool rerecking w'll be submitted by 900226.  
NANDY,F.R. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk) 1p. 52989.030-52989.030

9002260481 Provides addl info re util Proposed Change No. 297. Calculation results verify that noble gas concurrent w/1-131 will activate noble gas detectors for extended periods of time after fuel assembly removal from core.  
NANDY,F.R. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk) 3pp. 52725.311-52725.313

9002270066 Forwards Rev 8 to "Spent Fuel Pool Rerecking Licensing Rept." Encl 1 lists summary of Rev 6 changes & Encl 2 lists changes (insert pages) to Rev 5 rerecking licensing rept.  
NANDY,F.R. Southern California Edison Co. 90/02/16. Document Control Branch (Document Control Desk) 9pp. 52745.005-52745.081

9002270109 Rev 6 to "Spent Fuel Pool Rerecking Licensing Rept."  
\* Southern California Edison Co. 90/02/16. 67pp. 52745.014-52745.081

9002270213 Informs that submittal of rept summarizing evaluation of non-IE devices in component cooling water sys w'll be delayed until approx 900308, due to determination that addl confirmatory evaluations should be performed.  
NANDY,F.R. Southern California Edison Co. 90/02/16. Document Control Branch (Document Control Desk) 1p. 52748.332-52748.332

9003080264 Forwards FR notice denying util 891102 application for amend to Licenses NPF-10 & NPF-15, revising Note 2 of Tech Spec Table 4.3-1, "Reactor Protective Instrumentation Surveillance Requirements."  
KOKAJKOLE, Project Directorate V. 90/02/20. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. App. 52910.353-52910.359

9003080282 FR notice denying util 891102 request to amend Licenses NPF-10 & NPF-15, revising Note 2 of Tech Spec Table 4.3-1, "Reactor Protective Instrumentation Surveillance Requirements" to calibr near power level.  
ROOD,H. Project Directorate V. 90/02/20. 2pp. 52910.357-52910.359.

9002280285 Advises that 900126 response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment, acceptable.  
TATUM,J.E. Project Directorate V. 90/02/23. RAY,H.B. Southern California Edison Co. 3pp. 52778.014-52778.018

9003090061 Ack receipt of 900131 ltr providing further response to NRC 891208 ltr re radiation protection program.  
SCARANO,R.A. Region 5, Ofc of the Director. 90/02/23. RAY,H.B. Southern California Edison Co. 1p. 52987.041-52987.044.

9003090066 Provides comments re potential declining trend in radiation protection program Personnel dosimetry segment of program examined to ensure using state of art methodology.  
RAY,H.B. Southern California Edison Co. 90/01/31. SCARANO,R.A. Region 5, Ofc of the Director. 3pp. 52987.042-52987.044.

9003070160 Informs that description of plant diverse emergency feedwater actuation sys design will be submitted by 900315.  
NANDY,F.R. Southern California Edison Co. 90/02/27. Document Control Branch (Document Control Desk) 1p. 52891.060-52891.060.

9003090370 Forwards environ assessment & FR notice of issuance re applications for amends to Licenses NPF-10 & NPF-15, adding Tech Specs to increase capacity of fuel storage racks from 800 to 1,542 fuel assembly storage locations.  
KOKAJKOLE, Project Directorate V. 90/02/27. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. App. 52926.177-52926.194.

9003090371 Environ assessment & finding of no significant impact re applications for amends to Licenses NPF-10 & NPF-15, adding Tech Specs to increase capacity of spent fuel storage racks from 800 to 1,542 fuel assembly locations.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/27. 11pp. 52926.181-52926.191.

9003090373 Notice of issuance of environ assessment & finding of no significant impact re addition of Tech Specs to authorize storage capacity of spent fuel pool at 1,542 spent fuel assemblies.  
TRAMMELL,C.M. Project Directorate V. 90/02/27. 3pp. 52926.192-52926.194.

9003150303 Advises that first edition of integrated implementation schedule for facility appropriate per License Condition 2.C.  
KOKAJKOLE, Project Directorate V. 90/03/05. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. App. 53025.246-53025.248.

9003160078 Forwards Amend 85 to License NPF-10, safety evaluation & corrected amends. Amend revises Tech Spec 3/4.7.8 to deler reduced snubber visual insp interval & extend max insp period for inaccessible snubbers from 18 to 20 months.  
KOKAJKOLE, Project Directorate V. 90/03/05. RAY,H.B. Southern California Edison Co. App. 53060.105-53060.128.

9003160084 Amend 85 to License NPF-10, revising Tech Spec 3/4.7.6, "Snubbers."  
TRAMMELL,C.M. Project Directorate V. 90/03/05. 8pp. 53060.108-53060.109.

9003230117 Corrected Pages XIV,XV,3/4 3-67 to Amend 83 to License NPF-10 & Page 3/4 4-26 to Amend 71 to License NPF-15.  
\* NRC - No Detailed Affiliation Given. 90/03/05. 7pp. 53060.110-53060.123.

9003160086 Safety evaluation supporting Amend 85 to License NPF-10.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/05. 5pp. 53060.124-53060.128.

9003140229 Forwards Rev 0 to M 88420, "Spurious Actuation Evaluation Component Cooling Water Sys - Operability Assessment."  
NANDY,F.R. Southern California Edison Co. 90/03/07. Document Control Branch (Document Control Desk) 1p. 53001.088-53001.198.

9003140235 Rev 0 to "Spurious Actuation Evaluation Component Cooling Sys Operability Assessment."  
\* Southern California Edison Co. M 88420 R00. 90/02/28. 100pp. 53001.093-53001.198.

9003150021 Responds to 800128 ltr re HJ Lelder allegation of termination from position as staff physician due to raising concerns on adequacy of substance abuse program. Enforcement action will not be taken at present time.  
MARTIN,J.B. Region 5, Ofc of the Director. 90/03/09. RAY,H.B. Southern California Edison Co. 2pp. 53042.224-53042.228.

9003160092 Responds to Generic Ltr 89-21 re status of implementation of US's facilities USI A-2 re asymmetric bowdown loads in RCS closed via issuance of NUREG 0712 USI A-45 re shutdown DHR requirements not yet resolved.  
NANDY,F.R. Southern California Edison Co. 90/03/12. Document Control Branch (Document Control Desk) 11pp. 53042.134-53042.144.

9003160148 Forwards table re FSAR Chapter 15 design basis event & Rev 0 to M 89047, "Instrument Drift Study San Onofre Nuclear Generating Station Units 2 & 3" in support of Proposed Change Notices 275 & 280, per NRC request.  
NANDY,F.R. Southern California Edison Co. 90/03/12. Document Control Branch (Document Control Desk) 11pp. 53040.309-53040.331.

9003160157 "Instrument Drift Study San Onofre Generating Station Units 2 & 3".  
BOCKHORST,R.M. Southern California Edison Co. M-89047 R00. 89/05/31. 72pp. 53040.320-53040.331.

9003200364 Ack receipt of 891103 response to Generic Ltr 88-20 re individual plant events (IPE) IPE approach, methodology & schedule acceptable. Current projections for submitting IPE results for each unit requested.  
TATUM,J.E. Project Directorate V. 90/03/12. RAY,H.B. Southern California Edison Co. COTTON,G.D. San Diego Gas & Electric Co. App. 53071.247-53071.250.

9003200326 Forwards description of Units 2 & 3 diverse emergency feedwater actuation sys, per 891205 ltr. Sys supplies feedwater to steam generators during normal plant startup & shutdown.  
NANDY,F.R. Southern California Edison Co. 90/03/15. Document Control Branch (Document Control Desk) 23pp. 53073.328-53073.350.

9003230122 Advises that accelerated review of 900108 Proposed Change Notices 275,276 & 280 no longer necessary as util took advantage of short unanticipated outage & performed all surveillances which expired on 900401.  
ROSENBLUM,R.M. Southern California Edison Co. 90/03/19. Document Control Branch (Document Control Desk) 2pp. 53149.084-53149.085.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53185.014-53185.069.

9003260189 Responds to Generic Ltr 89-19 re safety implication of control sys in LWR nuclear power plants. Completion of detailed design studies & safety assessments needed before decision on steam generator overfill protection sys made.  
ROSENBLUM,R.M. Southern California Edison Co. 90/03/20. Document Control Branch (Document Control Desk) 2pp. 53147.163-53147.164.

9003260217 Application for amends to Licenses NPF-10 & NPF-15, revising proposed bases for Tech Specs 3.9.7, "Fuel Handling Machine - Spent Fuel Storage Bldg."  
ROSENBLUM,R.M. Southern California Edison Co. 90/03/20. Document Control Branch (Document Control Desk) 6pp. 53148.105-53148.116.

9003260238 Proposed Tech Specs changing proposed bases for Tech Specs 3.9.7, "Fuel Handling Machine - Spent Fuel Storage Bldg."  
\* Southern California Edison Co. 90/03/20. 6pp. 53148.111-53148.116.

9003270410 Forwards NRC understanding of current status of unimplemented USIs at plant, per 891019 request.  
KOKAJKOLE, Project Directorate V. 90/03/21. RAY,H.B. Southern California Edison Co. App. 53194.114-53194.117.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260651 Forwards Insp Repts 50-208/90-05, 50-361/90-05 & 50-362/90-05 on 891108-12. No violations noted.  
YUHAS,G.P. Region 5, Ofc of the Director. 90/02/01. RAY,H.B. Southern California Edison Co. 2pp. 52753.324-52753.333.

9002260653 Insp Repts 50-208/90-05, 50-361/90-05 & 50-362/90-05 on 891108-12. No violations noted. Major areas inspected, followup of open items, events & items of noncompliance & tours of facility.  
CICOTTE,C.R., WENSLAWSKI,F.A. Region 5, Ofc of the Director. 90/02/01. 8pp. 52753.326-52753.333.

9002260578 Forwards Insp Repts 50-208/89-33, 50-361/89-33 & 50-362/89-33 on 891119-900106 & notice of violation.  
CHAFFEE,A.E. Region 5, Ofc of the Director. 90/02/05. RAY,H.B. Southern California Edison Co. 3pp. 52726.018-52726.041.

9002260581 Notice of violation from Insp on 891119-900106. Violation noted reactor operators & health physics staff assigned 12 h daily from 890904-1119 & one physics technician worked 76 h in 7-day period w/o proper authorization.  
CHAFFEE,A.E. Region 5, Ofc of the Director. 90/02/05. 2pp. 52726.021-52726.022

Repts 50-206/80-33,60-361/89-33 & 50-362/89-33 on 891119. Inspected Major areas inspected routine resident insps of Units 1, 2 & 3 am including operational safety verification & radiological protection. Region 5, Ofc of the Director. 90/02/05. 19pp. 52726.023-52726.041.

Responds to 881117 request for assistance in reviewing open Issue Identification safe shutdown capability insps at plant. Recommends that Issue re pump be closed pending resolution of Generic Issue 23. Assistant Director for Region III Reactors (Post 881001). 90/02/16. Region 5, Ofc of the Director. 2pp. 52715.115-52715.116.

Forwards Insp Repts 50-206/80-01,50-361/80-01 & 50-362/80-01 on notice of deviation Deviation emphasizes NRC concern that unit failed to notify to meet 891115 commitment to resolve inservice testing of safety. Region 5, Ofc of the Director. 90/02/16. RAY,H.B. Southern California Edison Co. 52858.091-52858.118.

Notice of deviation from Insp on 900102-19 Deviation noted, as of submission document to confirm that inservice testing operability limits for pumps bounded by latest safety analysis not issued. Region 5, Ofc of the Director. 90/02/16. 1p. 52858.094-52858.094.

Repts 50-206/80-01,50-361/80-01 & 50-362/80-01 on 900102. Inspected Major areas inspected licensee action on inspector-identified items on 5, Ofc of the Director. 90/02/16. 24pp. 52858.095-52858.118.

Repts that until 900131 response to NRC Bulletin 89-003, "Potential Loss of Thermal Margin During Refueling Operations," acceptable. Assistant Director V. 90/02/22. RAY,H.B. Southern California Edison Co. San Diego Gas & Electric Co. 4pp. 52836.233-52836.236.

Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-Service List." Division of Operational Events Assessment (Post 870411). 90/02/23. Edison Co. of New York, Inc. 89pp. 52776.262-52776.360.

Info Notice 90-011, "Maintenance Deficiency Associated W/ Solenoid-Operated Valve." Division of Operational Events Assessment (Post 870411). 90/02/28. Edison Co. of New York, Inc. 89pp. 52776.163-52776.261.

Info Notice 90-012, "Monitoring or Interruption of Plant Communication." Division of Operational Events Assessment (Post 870411). 90/02/28. Edison Co. of New York, Inc. 89pp. 52844.001-52844.099.

Forwards response to NRC 900130 ltr re violations noted in Insp Repts 50-361/80-03 & 50-362/80-03 Encl withheld (ref 10CFR73.21). Southern California Edison Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52798.272-52798.272.

Forwards Operator Refqualification Retake Exam Rept 50-361/OL-90-01 for listed on 900205. Region 5, Ofc of the Director. 90/03/02. BRIDENBECKER,R. Southern California Edison Co. 2p. 53149.165-53149.169.

Qualification Retake Exam Rept 50-361/OL-90-01 for both units on results reactor operator passed exam. Region 5, Ofc of the Director. 90/03/02. 3pp. 53149.167-53149.169.

Info Notice 90-013, "Importance of Review & Analysis of Safeguards." Division of Operational Events Assessment (Post 870411). 90/03/05. Edison Co. of New York, Inc. 89pp. 52844.100-52844.198.

Forwards Amend 85 to License NPF-10,safety evaluation & corrected revises Tech Spec 3/4.7.8 to defer reduced snubber visual insps inter axial insps period for inaccessible snubbers from 18 to 20 months. Project Directorate V. 90/03/05. RAY,H.B. Southern California Edison Co. 105-53060.128.

Responds to NRC 900205 ltr re violations noted in Insp Repts 50-361/89-33 Corrective actions action taken w/responsible supervisor to ensure safety technician overtime controlled & authorized. Southern California Edison Co. 90/03/05. Document Control Branch (Document Control Desk). 4pp. 53049.033-53049.036.

Info Notice 90-014, "Accidental Disposal of Radioactive Matls." Southern California Edison Co. 90/03/01. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

Info Notice 90-016, "Reciprocity/Notification of Agreement State Radiological Directors Before Beginning Work in Agreement States." Southern California Edison Co. 90/03/05. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 95pp. 52997.095-52997.189.

Info Notice 90-016, "Compliance W/New Decommissioning Rule." Division of Low-Level Waste Management & Decommissioning (Post 870729). Consolidated Edison Co. of New York, Inc. 81pp. 52997.288-52997.380.

Pl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative." Division of Operational Events Assessment (Post 870411). 90/03/07. Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

Receipt of 900301 ltr informing NRC of steps taken to correct violations of 10 CFR 73.21 & notice of violation re Insp Repts 50-206/80-03,50-361/80-03 & 50-362/80-03. Region 5, Ofc of the Director. 90/03/07. RAY,H.B. Southern California Edison Co. 53026.125-53026.125.

Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes." Division of Operational Events Assessment (Post 870411). 90/03/08. Edison Co. of New York, Inc. 104pp. 52983.096-52983.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52983.200-52983.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52983.300-52983.048.

9003150366 Forwards supplemental response to NRC Bulletin 88-010, Suppl 1, "Non-conforming Molded Case Circuit Breakers." Circuit breakers traceable to original plant const order received prior to Aug 1983 & acceptable. RANDY,F.R. Southern California Edison Co. 90/03/12. Document Control Branch (Document Control Desk). 15pp. 53025.196-53025.210.

9003160087 Advises that response to SSFI Repts 50-361/89-200 & 50-362/89-200 will be provided by 900412 due to unexpected diversion of resources to address other issues such as trip of Unit 3 on 900223 & safety valve evaluations. RANDY,F.R. Southern California Edison Co. 90/03/12. Document Control Branch (Document Control Desk). 1p. 53036.213-53036.213.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003230104 Responds to NRC 900216 ltr re notice of deviation from Insp of plant Corrective actions revised instructions established to track NRC commitments now require approval of cognizant functional div manager. RAY,H.B. Southern California Edison Co. 90/03/19. Document Control Branch (Document Control Desk). 4pp. 53139.152-53139.155.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Box." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 89pp. 53035.129-53035.228.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### R. Periodic operating reports & related correspondence

9003080168 "Annual Personnel Monitoring Rept 1989." W/900228 ltr. MORGAN,H.E. Southern California Edison Co. 89/12/31. 3pp. 52987.067-52987.069.

9003090134 Submits "HCS Specific Activity Rept for 1989." Rept provides info re periods of time when RCS specific activity exceeded limits of Tech Spec 3.1.1 for Unit 1 & Tech Spec 3.4.7 for Units 2 & 3. RANDY,F.R. Southern California Edison Co. 90/02/23. Document Control Branch (Document Control Desk). 6pp. 52988.073-52988.077.

9003080386 Forwards "San Onofre Nuclear Generating Station Semiannual Effluent Rept,Jul-Dec 1989." No changes made to Unit 1 ODCM or radwaste treatment sys during reporting period. RANDY,F.R. Southern California Edison Co. 90/02/27. Document Control Branch (Document Control Desk). 1p. 52896.061-52896.176.

-9003080387 "San Onofre Nuclear Generating Station Semiannual Effluent Rept,Jul-Dec 1989." Southern California Edison Co. 89/12/31. 115pp. 52896.062-52896.176.

9003080353 Provides semiannual fitness-for-duty program data for Nov-Dec 1989,per 10CFR26.71(d). Commencing 900103,offsite testing performed by Natl Inst of Drug Abuse certified lab. MORGAN,H.E. Southern California Edison Co. 90/03/01. Document Control Branch (Document Control Desk). 8pp. 52923.061-52923.068.

9003260002 Provides diesel generator annual rept for 1989,per Tech Spec 4.8.1.1.3 Unit 2 & 3 diesel generators experienced no valid test failures in 1989. RANDY,F.R. Southern California Edison Co. 90/03/12. Document Control Branch (Document Control Desk). 1p. 53148.299-53148.299.

9003200132 Forwards monthly operating repts for Feb 1990 for San Onofre Generating Station,Units 2 & 3. Main steam safety valves & one of two pressurizer safety valves for Unit 3 challenging following 900223 reactor trip. RANDY,F.R. Southern California Edison Co. 90/03/15. Document Control Branch (Document Control Desk). 1p. 53078.143-53078.156.

-9003230101 Monthly operating repts for Feb 1989 for San Onofre Nuclear Generating Station,Units 2 & 3. SIACOR,E.R. Southern California Edison Co. 90/02/28. 133pp. 53078.144-53078.156.

#### S. Reportable occurrences, LERs & related correspondence

9003120218 RC-followup rept for Tech Spec fire rated assemblies found inoperable during routine surveillance in Jan 1990 One fire door found blocked open w/o proper authorization individual identified & disciplinary action taken. RANDY,F.R. Southern California Edison Co. 90/02/16. MARTIN,J.B. Region 5, Ofc of the Director. 5pp. 52975.167-52975.171.

## 172 DOCKETED ITEMS

9003080348 Forwards util 900130 ltr transmitting NPDES monitoring rept for Dec 1989, semiannual Jul-Dec 1989 & 1989 annual summary. Ltr noted that Unit 2 heat treatment operation conducted on 891227, exceeded by 4 min time allowed by NPDES permit.  
NANDY, F.R. Southern California Edison Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52923.055-52923.056

9003080489 PNO-V-90-008 on 900228, earthquake w/Richter magnitude of 5.5 occurred near Upland, CA. San Onofre declared unusual event & conducted Insp Area research reactors shut down w/no damage resulting to facilities  
WENSLAWSKI, F. Region 5, Ofc of the Director. 90/03/01. 2pp. 52923.127-52923.128

9003070196 PNO-V-90-009 on 900302, earthquake occurred in southern California. Quake felt at plant but did not trigger recording instruments. No further license actions planned. Preliminary notification issued for info only.  
GARCIA, E., JOHNSON, P. Region 5, Ofc of the Director. 90/03/02. 1p. 52891.058-52891.058

9003160188 LER 89-024-00 on 891101, supervisory alarm circuit for fire detection panel failed to function. Contrary to Tech Spec, hourly fire watch not posted in two updated fire hazards analysis area. Caused by personnel error. W/900308 ltr.  
MORGAN, H.E. Southern California Edison Co. 90/03/08. 8pp. 53013.049-53013.056

9003280229 LER 89-010-01 on 890520, main steam safety valve flow capacity apparently less than nameplate rating. Caused by valve w/initial factory-set ring settings obtain disc ltr that is less than rated ltr. W/900316 ltr.  
MORGAN, H.E. Southern California Edison Co. 90/03/16. 6pp. 53144.132-53144.137

### V. Operator Examinations

9002260480 Informs that DL Daily employment w/utl terminated effective 900209. License SOP-60229-1 expired.  
MORGAN, H.E. Southern California Edison Co. 90/02/14. Document Control Branch (Document Control Desk). 1p. 52720.337-52720.337

9003260418 Forwards Operator Requalification Relake Exam Rept 50-361/OL-90-01 for both units administered on 900208.  
KIRSCH, D.F. Region 5, Ofc of the Director. 90/03/02. BRIDENBECKER, R. Southern California Edison Co. 2p. 53149.165-53149.169

9003260421 Requalification Relake Exam Rept 50-361/OL-90-01 for both units on 900208. Exam results: reactor operator passed exam.  
ROYACK, M.J. Region 5, Ofc of the Director. 90/03/02. 3pp. 53149.167-53149.169

### DOCKET 50-382 SAN ONOFRE NUCLEAR STATION, UNIT 3

#### F. Security, medical, emergency & fire protection plans

9003020237 Rev 3.1 to plant emergency plan.  
RAY, H.B. Southern California Edison Co. 90/02/12. 55pp. 52789.323-52800.018

9003020109 Rev 3.1 to "San Onofre Nuclear Generating Station Emergency Plan." W/900215 ltr.  
RAY, H.B. Southern California Edison Co. 90/02/15. 54pp. 52788.159-52788.212

9002220487 Responds to 891117 request for assistance in reviewing open issue identified during post-fire safe shutdown capability Insp at plant. Recommends that issue re reactor coolant pump be closed pending resolution of Generic Issue 23.  
HOLAHAN, G.M. Assistant Director for Region III Reactors (Post 891001). 90/02/16. ZIMMERMAN, R. Region 5, Ofc of the Director. 2pp. 52715.115-52715.118

9003010483 Forwards Rev 8 to safeguards contingency plan for NRC review & advises of actual drill performance confirming adequacy & applicability of short-term contingency plan for defense against surface vehicle bomb. Rev withheld (ref 10CFR73.21).  
MORGAN, H.E. Southern California Edison Co. 90/02/22. Document Control Branch (Document Control Desk). 1p. 52781.043-52781.043

9003020253 Forwards response to NRC 900130 ltr re violations noted in Insp Repts 50-206/90-03, 50-361/90-03 & 50-362/90-03 Encl withheld (ref 10CFR73.21).  
RAY, H.B. Southern California Edison Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 52788.272-52788.272

9003160326 Responds to NRC 900205 ltr re violations noted in Insp Repts 50-361/89-33 & 50-362/89-33. Corrective actions taken w/responsible supervisor to ensure that health physics technician overtime controlled & authorized.  
RAY, H.B. Southern California Edison Co. 90/03/05. Document Control Branch (Document Control Desk). 4pp. 53049.033-53049.036

9003260331 Advises that 891113 Rev 3 to physical security plan consistent w/provisions of 10CFR50.54(p) & 10CFR50 App E & acceptable.  
YUHAS, G.P. Region 5, Ofc of the Director. 90/03/16. RAY, H.B. Southern California Edison Co. 1p. 53149.201-53149.201

#### P. Operating license stage documents & correspondence

9002260403 Responds to RA Hermann inquiry re C-E metallurgical exam rept of failed Unit 3 pressurizer nozzle. Encl internal util rept concludes that failure due to pure water stress corrosion cracking. Failed nozzle replaced.  
NANDY, F.R. Southern California Edison Co. 90/02/07. Document Control Branch (Document Control Desk). 32pp. 52711.001-52711.032

9002260472 Informs that add info requested on spent fuel pool reracking will be submitted by 900228.  
NANDY, F.R. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 1p. 52989.030-52989.030

9002260481 Provides add info re util Proposed Change Notice 287. Calculation results verify that noble gas concurrent w/131 will activate noble gas detectors for extended periods of time after fuel assembly removal from core.  
NANDY, F.R. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52725.311-52725.313

9002270066 Forwards Rev 6 to "Spent Fuel Pool Reracking Licensing Rept." Encl 1 lists summary of Rev 6 changes & Encl 2 lists changes (insert pages) to Rev 5 reracking licensing rept.  
NANDY, F.R. Southern California Edison Co. 90/02/16. Document Control Branch (Document Control Desk). 9pp. 52745.005-52745.081

9002270109 Rev 6 to "Spent Fuel Pool Reracking Licensing Rept."  
Southern California Edison Co. 90/02/16. 87pp. 52745.014-52745.081

9002270213 Informs that submittal of rept summarizing evaluation of non-IE devices in component cooling water sys will be delayed until approx 900308, due to determination that add confirmatory evaluations should be performed.  
NANDY, F.R. Southern California Edison Co. 90/02/16. Document Control Branch (Document Control Desk). 1p. 52748.332-52748.332

9003080264 Forwards FR notice denying util 891102 application for amend to Licenses NPF-10 & NPF-15, revising Note 2 in Tech Spec Table 4.3-1, "Reactor Protective Instrumentation Surveillance Requirements."  
KOKAJKO, L.E. Project Directorate V. 90/02/20. RAY, H.B. Southern California Edison Co. COTTON, G.D. San Diego Gas & Electric Co. 4pp. 52910.353-52910.359

9003080282 FR notice denying util 891102 request to amend Licenses NPF-10 & NPF-15, revising Note 2 of Tech Spec Table 4.3-1, "Reactor Protective Instrumentation Surveillance Requirements" to call for linear power level.  
ROOD, H. Project Directorate V. 90/02/20. 2pp. 52910.357-52910.359

9002280265 Advises that 900126 response to Generic Ltr 89-13 re svc water sys problems affecting safety-related equipment, acceptable.  
TATUM, J.E. Project Directorate V. 90/02/23. RAY, H.B. Southern California Edison Co. 3pp. 52778.014-52778.016

9003090061 Ack receipt of 900131 ltr providing further response to NRC 891209 ltr re radiation protection program.  
SCARANO, R.A. Region 5, Ofc of the Director. 90/02/23. RAY, H.B. Southern California Edison Co. 1p. 52967.041-52967.044

9003090066 Provides comments re potential declining trend in radiation protection program. Personnel dosimetry segment of program examined to ensure using state of art methodology.  
RAY, H.B. Southern California Edison Co. 90/01/31. SCARANO, R.A. Region 5, Ofc of the Director. 3pp. 52967.042-52967.044

9003070160 Informs that description of plant diverse emergency feedwater actuation sys design will be submitted by 900315.  
NANDY, F.R. Southern California Edison Co. 90/02/27. Document Control Branch (Document Control Desk). 1p. 52891.080-52891.080

9003090370 Forwards environ assessment & FR notice of issuance re applications for amend to Licenses NPF-10 & NPF-15, adding Tech Specs to increase capacity of fuel storage racks from 800 to 1,542 fuel assembly storage locations.  
KOKAJKO, L.E. Project Directorate V. 90/02/27. RAY, H.B. Southern California Edison Co. COTTON, G.D. San Diego Gas & Electric Co. 4pp. 52926.177-52926.194

9003090371 Environ assessment & finding of no significant impact re applications for amend to Licenses NPF-10 & NPF-15, adding Tech Specs to increase capacity of spent fuel storage racks from 800 to 1,542 fuel assembly locations.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/27. 11pp. 52926.181-52926.191

9003090373 Notice of issuance of environ assessment & finding of no significant impact re addition of Tech Specs to authorize storage capacity of spent fuel pool at 1,542 spent fuel assemblies.  
TRAMMELL, C.M. Project Directorate V. 90/02/27. 3pp. 52926.192-52926.194

9003160303 Advises that first edition of integrated implementation schedule for facility appropriate, per License Condition 2.C.  
KOKAJKO, L.E. Project Directorate V. 90/03/05. RAY, H.B. Southern California Edison Co. COTTON, G.D. San Diego Gas & Electric Co. 3pp. 53025.246-53025.249

9003140228 Forwards Rev 0 to M 86420, "Spurious Actuation Evaluation Component Cooling Water Sys - Operability Assessment."  
NANDY, F.R. Southern California Edison Co. 90/03/07. Document Control Branch (Document Control Desk). 1p. 53001.098-53001.198

9003140235 Rev 0 to "Spurious Actuation Evaluation Component Cooling Sys Operability Assessment."  
Southern California Edison Co. M 86420 R00. 90/02/28. 100pp. 53001.099-53001.198

9003160021 Responds to 900126 ltr re HJ Leider allegation of termination from position as staff physician due to raising concerns on adequacy of substance abuse program. Enforcement action will not be taken at present time.  
MARTIN, J.B. Region 5, Ofc of the Director. 90/03/09. RAY, H.B. Southern California Edison Co. 2pp. 53042.224-53042.228

9003160092 Responds to Generic Ltr 89-21 re status of implementation of USIs at facilities US1-A-2 re asymmetric blowdown loads in RCS closed via issuance of NUREG 0712 US1-A-45 re shutdown DHR requirements not yet resolved.  
NANDY, F.R. Southern California Edison Co. 90/03/12. Document Control Branch (Document Control Desk). 11pp. 53042.134-53042.144

9003160148 Forwards table re FSAR Chapter 15 design basis event & Rev 0 to M 86047, "Instrument Drift Study San Onofre Nuclear Generating Station Units 2 & 3," in support of Proposed Change Notices 275 & 280 per NRC request.  
NANDY, F.R. Southern California Edison Co. 90/03/12. Document Control Branch (Document Control Desk). 11pp. 53040.309-53040.331

9003160157 "Instrument Drift Study San Onofre Generating Station Units 2 & 3."  
BOCKHORST, R.M. Southern California Edison Co. M 86047 R00. 89/05/31. 72pp. 53040.320-53040.331

9003200384 Ack receipt of 891103 response to Generic Ltr 88-20 re individual plant exams (IPE) IPE approach, methodology & schedule acceptable. Current projections for submitting IPE results for each unit requested.  
TATUM, J.E. Project Directorate V. 90/03/12. RAY, H.B. Southern California Edison Co. COTTON, G.D. San Diego Gas & Electric Co. 4pp. 53071.247-53071.250

ards description of Units 2 & 3 diverse emergency feedwater actuation  
tr.Sys supplies feedwater to steam generators during normal plant  
w. Southern California Edison Co. 90/03/15 Document Control Branch  
of Desk) 23pp 53073-328-53073-350

es that accelerated review of 900108 Proposed Change Notices  
no longer necessary as will take advantage of short unanticipated  
and all same lanes which expired on 900401  
M. Southern California Edison Co. 90/03/19 Document Control  
nt Control Desk) 2pp 53149-684-53149-685

ic Ltr 90-03 to all power reactor licensees & applicants re relaxation  
in General Ltr 83-26, Item 2, Part 2, "Vendor Interface for Safety Re-  
s." Svc list encl  
Associate Director for Projects (Post 870411) 90/03/20 Consolidated  
New York Inc 55pp 53195-014-53195-069

onds to General Ltr 89-19 re safety implication of control sys in LWR  
plants Completion of colorized design studies & safety assessments  
decision on steam generator overfill protection sys made  
M. Southern California Edison Co. 90/03/20 Document Control  
nt Control Desk) 2pp 53147-163-53147-164

ation for amendments to licensees NPE-10 & NPE-15 reviewing proposed  
pces 3.9.7 "Fuel Handling Machine - Special Fuel Storage Bldg."  
M. Southern California Edison Co. 90/03/20 Document Control  
nt Control Desk) 4pp 53148-105-53148-116

posed Test Specs drafting proposed bases for Test Specs 3.9.7  
Machine - Special Fuel Storage Bldg.  
ria Edison Co. 90/03/20 4pp 53148-111-53148-116

ards NRC understanding of current status of unimplemented USIs at  
request.  
ject Directorate V. 90/03/21 RAY.H.B. Southern California Edison  
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ards Insp Repts 50-206/90-05-50-361/90-05 & 50-362/90-05 on  
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52753-324-52753-333

Repts 50-206/90-05-50-361/90-05 & 50-362/90-05 on 900108  
noted Major areas inspected to comp of open deviations & items  
& tours of facility.  
VENSLAWSKIEA Region 5, Oic of the Director 90/02/01 4pp  
333.

ards Insp Repts 50-206/89-33-50-361/89-33 & 50-362/89-33 on  
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52726-018-52726-041

co of violation from insp on 891119-900106 violation noted reactor  
h physics staff assigned 12 h duty from 890304-1119 & one physics  
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ion 5 Oic of the Director 90/02/05 2pp 52726-021-52726-022

Repts 50-206/89-33-50-361/89-33 & 50-362/89-33 on 891119  
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Assistant Director for Region III Reactors (Post 891001) 90/02/16  
Region 5, Oic of the Director 2pp 52715-115-52715-116

ards Insp Repts 50-206/90-01-50-361/90-01 & 50-362/90-01 on  
ice of deviation Deviation emphasizes NRC concern that utl failed to  
ability to meet 891115 commitment to resolve inservice testing of  
ion 5, Oic of the Director 90/02/16 RAY.H.B. Southern California  
52858-091-52858-118

co of deviation from insp on 900102-19 Deviation noted as of  
tion document to confirm that inservice testing operability limits for  
mps bounded by latest safety analysis is not issued.  
ion 5, Oic of the Director 90/02/16 1p 52858-094-52858-094

Repts 50-206/90-01-50-361/90-01 & 50-362/90-01 on 900102-  
d Major areas inspected licensee action on inspector-identified items  
ion 5, Oic of the Director 90/02/16 24pp 52858-095-52858-118

s that until 900131 response to NRC Bulletin 89-003, "Potential Loss  
Down Margin During Refueling Operations," acceptable.  
ect Directorate V. 90/02/22 RAY.H.B. Southern California Edison Co  
n Diego Gas & Electric Co. 4pp 52836-233-52836-236

nto Notice 90-010, "Primary Water Stress Corrosion Cracking of In-  
st encl.  
ion of Operational Events Assessment (Post 870411). 90/02/23  
son Co. of New York, Inc. 99pp 52776-262-52776-360.

nto Notice 90-011, "Main Deficiency Associated W/ Solenoid-Oper-  
at encl.  
ion of Operational Events Assessment (Post 870411). 90/02/28  
son Co. of New York, Inc. 99pp 52776-163-52776-261.

9003020253 Forwards response to NRC 900130 ltr re violations noted in Insp Repts 50-  
206/90-03-50-361/90-03 & 50-362/90-03 Encl withheld (ref 10CFR73.21).  
RAY.H.B. Southern California Edison Co. 90/03/01. Document Control Branch (Docu-  
ment Control Desk) 1p 52798-272-52798-272

9003280418 Forwards Operator Recertification Refake Exam Rept 50-361/CL-90-01 for  
both units administered on 900206  
KIRSCHEID.F. Region 5, Oic of the Director 90/03/02 BRIDENBECKER.R. Southern  
California Edison Co. 2p 53149-165-53149-169

-9003280421 Requalification Refake Exam Rept 50-361/CL-90-01 for both units on  
5/02/06 Exam results reactor operator passed exam  
POVACK.M.J. Region 5, Oic of the Director 90/03/02 3pp 53149-167-53149-169.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards  
Event Logs." Svc list encl  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411) 90/03/05.  
Consolidated Edison Co. of New York, Inc. 99pp 52844-109-52844-198

9003160325 Responds to NRC 900205 ltr re violations noted in Insp Repts 50-361/89-  
13 & 50-362/89-33 Corrective actions action taken w/responsible supervisor to ensure  
that health physics technician overfilling controlled & authorized  
RAY.H.B. Southern California Edison Co. 90/03/05 Document Control Branch (Docu-  
ment Control Desk) 4pp 53049-033-53049-036

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Waste." Svc  
list encl  
CUNNINGHAM.H.R. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/06 Consolidated Edison Co. of New York, Inc. 89pp 52997-031-52997-094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Rad-  
iation Control Directors Before beginning Work in Agreement States." Svc list encl  
CUNNINGHAM.H.R. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997-095-52997-189

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc  
list encl  
BARGATT.H.L. Division of Low-Level Waste Management & Decommissioning (Post  
870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997-288-  
52998-018

9003010293 Suppl 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresent-  
ed Features." Svc list encl  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411) 90/03/07  
Consolidated Edison Co. of New York, Inc. 100pp 52844-199-52844-298

9003150008 Ack receipt of 900301 ltr informing NRC of steps taken to correct violations  
noted in 900130 ltr & notice of violation re Insp Repts 50-206/90-03-50-361/90-03 &  
50-362/90-03  
PATE.B.J. Region 5, Oic of the Director 90/03/07 RAY.H.B. Southern California  
Edison Co. 1p 53025-125-53025-125

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Ceres-  
Vacuum Valves." Svc list encl  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411) 90/03/08  
Consolidated Edison Co. of New York, Inc. 104pp 52963-096-52963-199

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief  
Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 100pp 52963-200-52963-299

9003050140 NRC Bulletin 90-001, "Loss of Fill Oil in Transformer Mfg by Rosemount." Svc  
list encl  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/03/09  
Consolidated Edison Co. of New York, Inc. 109pp 52963-300-52964-048

9003160366 Forwards supplemental response to NRC Bulletin 89-010, Suppl 1, "Non-  
conforming Molded Case Circuit Breakers." Circuit breakers traceable to original part  
cost order received prior to Aug 1993 & acceptable  
NANDY.F.R. Southern California Edison Co. 90/03/12 Document Control Branch  
(Document Control Desk). 15pp 53025-196-53025-210

9003160087 Advises that response to SSFI Repts 50-361/89-203 & 50-362/89-203 will  
be provided by 900412 due to unexpected diversion of resources to address other  
issues such as trip of Unit 3 on 900223 & safety valve evaluations  
NANDY.F.R. Southern California Edison Co. 90/03/12 Document Control Branch  
(Document Control Desk) 1p 53036-213-53036-213

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment  
Recirculation Spray at PWR Facilities." Svc list encl  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/03/14.  
Consolidated Edison Co. of New York, Inc. 88pp 52997-190-52997-287

9003230104 Responds to NRC 900216 ltr re police of deviation from insp of  
plant Corrective actions revised instructions established to track NRC commitments  
now require approval of cognizant functional div manager.  
RAY.H.B. Southern California Edison Co. 90/03/19 Document Control Branch (Docu-  
ment Control Desk). 4pp 53139-152-53139-155

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box  
Bow." Svc list encl  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/03/20  
Consolidated Edison Co. of New York, Inc. 98pp 53035-129-53035-226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Op-  
eration of Radwaste Incinerators." Svc list encl  
CUNNINGHAM.H.R. Division of Industrial & Medical Nuclear Safety (Post 870729).  
90/03/22. Consolidated Edison Co. of New York, Inc. 91pp 63166-057-63166-147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly  
Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/03/22.  
Consolidated Edison Co. of New York, Inc. 100pp 53132-001-53132-100.



9003090134 Submits "RCS Spec'ic Activity Rept for 1989" Rept. Periods of time when RCS specific activity exceeded limits of Tech Spec 3.1.1 for Unit 1 & Tech Spec 3.4.7 for Units 2 & 3  
NANDY, F.R. Southern California Edison Co. 90/02/23. Document Control Branch (Document Control Desk) 5pp 52968 073-52969 077.

9003080386 Forwards San Onofre Nuclear Generating Station Semiannual Effluent Rept. Jul-Dec 1989. "No changes made to Unit 1 ODCM or radwaste treatment sys during reporting period."  
NANDY, F.R. Southern California Edison Co. 90/02/27. Document Control Branch (Document Control Desk) 1p. 52695 061-52696 176

-9003080387 San Onofre Nuclear Generating Station Semiannual Effluent Rept. Jul-Dec 1989."  
Southern California Edison Co. 89/12/31 115pp 52896 052-52896 176

9003080353 Provides semiannual fitness-for-duty program data for Nov-Dec 1989, per 10CFR26.71(d) Commencing 900103, offsite testing performed by Natl Inst of Drug Abuse certified lab  
MORGAN, H.E. Southern California Edison Co. 90/03/01. Document Control Branch (Document Control Desk) 8pp 52923 061-52923 068

9003260002 Provides diesel generator annual rept for 1989, per Tech Spec 4.8.1.1 J Unit 2 & 3 diesel generators experienced no valid test failures in 1989  
NANDY, F.R. Southern California Edison Co. 90/03/12. Document Control Branch (Document Control Desk) 1p 53148 288-53148 299

9003200132 Forwards monthly operating rept for Feb 1990 for San Onofre Generating Station, Units 2 & 3 Man. steam safety valves & one of two pressurizer safety valves for Unit 3 challenged following 900223 reactor trip  
NANDY, F.R. Southern California Edison Co. 90/03/15. Document Control Branch (Document Control Desk) 1p 53078 143-53078 156

-9003230101 Monthly operating rept for Feb 1989 for San Onofre Nuclear Generating Station, Units 2 & 3  
SIACORE, R. Southern California Edison Co. 90/02/28 12pp 53078 144-53078 156

#### S. Reportable occurrences, LERs & related correspondence

9003120218 RO followup rept for Tech Spec fire related assemblies found inoperable during routine surveillance in Jan 1990. One fire door found blocked open w/o proper authorization on individual identified & disciplinary action taken  
NANDY, F.R. Southern California Edison Co. 90/02/16 MARTIN, J.B. Region 5, OIC of the Director 5pp. 52975 167-52975 171.

9003070350 PNO-V-90-007 on 900223, inadvertent ESF actuation & reactor trip occurred resulting from Train B main steam isolation signal. Caused by failure of relay to reset in one channel. Plant taken to Mode 4 to allow replacement & testing.  
HON, A., JOHNSON, P. Region 5, OIC of the Director 90/02/26. 1p 52898 007-52898 007

9003070032 Summary of Operating Reactors Events Meeting 90-05 on 900228  
FISCHER, D.C. Events Assessment Branch, 90/02/28. ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 14pp. 52888 016-52888 030.

9003070033 LER 90-001-00 on 900300, fuel handling isolation sys Train A actuation occurred on spurious high alarm signal from radiation monitor. Caused by mfg deficiency in circuit board assembly. Board conformed to design & tested W/900301 ltr.  
MORGAN, H.E. Southern California Edison Co. 90/03/01. 7pp. 52895 030-52895 036

9003080489 PNO-V-90-008 on 900228, earthquake w/Richter magnitude of 5.5 occurred near Upland CA. San Onofre declared unusual event & conducted Insp Area research reactors shut down w/no damage resulting to facilities  
WENSLAWSKI, F. Region 5, OIC of the Director 90/03/01. 2pp 52923 127-52923 128

9003070196 PNO-V-90-009 on 900302, earthquake occurred in southern California. Quake felt at plant but did not trigger recording instruments. No further licensee actions planned. Preliminary notification issued for info only.  
GARCIA, E. Region 5, OIC of the Director 90/03/02 1p. 52891 058-52891 058

#### V. Operator Examinations

9002280480 Informs that DL Daily employment w/util term-nated effective 900209 License SOP-50229-1 expired  
MORGAN, H.E. Southern California Edison Co. 90/02/14. Document Control Branch (Document Control Desk) 1p 52720 337-52720 337

9003260418 Forwards Operator Recertification Release Exam Rept 50-361/OL-90-01 for both units administered on 900206  
KIRSCH, D.F. Region 5, OIC of the Director 90/03/02 BRIDENBECKER, R. Southern California Edison Co. 2p 53149 165-53149 169

-9003260421 Recertification Release Exam Rept 50-361/OL-90-01 for both units on 900206. Exam results reactor operator passed exam.  
ROYACK, M.J. Region 5, OIC of the Director 90/03/02. 3pp 53149 167-53149 169

STANSBERRY, W.W. Region 2, OIC of the Director 89/12/28 1p 52737 053

9002280577 Rev 16 to EPIP FNP-0 EIP-15, "Emergency Onsite." W/900214  
HUDSPETH, J.B. Alabama Power Co. 90/02/14. 12pp. 52720 248-52720 249

9002270101 Rev 74 to EPIP FNP-0 EIP-8, "Emergency Communication." W/900214  
HILL, R.O. HUDSPETH, J.B. Alabama Power Co. 90/02/15 47pp 52769 239

9003080491 Rev 27 to EPIP FNP-0 EIP-16, "Emergency Equipment & Supplies." W/900214  
HUDSPETH, J.B. Alabama Power Co. 90/02/26. 160pp. 52856 321-52857 322

9003090260 Revised EPIP attachments to Rev 73 to FNP-0 EIP-8 & Rev 74 to EIP-14 W/900227 ltr.  
HUDSPETH, J.B. Alabama Power Co. 90/02/27 31pp 52864 210-52864 211

9003080360 Responds to Generic Ltr 90-01 re request for voluntary peer NRC regulatory impact survey. Completed questionnaire encl.  
HAIRSTON, W.G. Alabama Power Co. 90/03/01. Document Control Branch (Document Control Desk) 12pp 53047 018-53047 029

9003200072 Forwards Insp Repts 50-348/90-06 & 50-364/90-06 on 900223, actuations of low actuations noted.  
CLINE, W.E. Region 2, OIC of the Director 90/03/09 HAIRSTON, W.G. Alabama Power Co. 3pp. 53071 289-53071 292

-9003200076 Partially withhold Physical Security Program Insp Repts 50-364/90-06 on 900220-23 (ref 10CFR270(d) & 721) inspected physical security program, mgt support & protected & vital areas. Control  
STANSBERRY, W. Region 2, OIC of the Director. 90/03/08 1p 53071 289-53071 292

9003200463 Rev 10 to EPIP GO-EIP-131, "Emergency Operations Control Headquarters Emergency Equipment & Supply." W/900312 ltr.  
HAIRSTON, W.G. Alabama Power Co. 90/03/12 10pp. 53079 032-53079 033

9003220003 Responds to NRC 000201 ltr re emergency planning weaknesses in Insp Repts 50-348/89-32 & 50-364/89-21. Corrective actions to revised Direct ltr network notification to state agencies being implemented.  
HAIRSTON, W.G. Alabama Power Co. 90/03/15. Document Control Branch (Document Control Desk) 2pp 53105 191-53105 192

9003260399 Revised EIPs, including Rev 17 to FNP-0 EIP-15 & Rev 75 to EIP-14 W/900319 ltr.  
HUDSPETH, J.B. Alabama Power Co. 90/03/19. 60pp 53156 243-53156 244

#### H. General correspondence

9003220316 Comment on proposed rule 10CFR150, "Fracture Toughness for Protection Against PTS Events." Agrees w/ NUMARC comments.  
HAIRSTON, W.G. Alabama Power Co. 90/03/12 CHILKIS, J. Office of the Commission. 1p 53086 223-53086 223

#### J. Insurance & Indemnity Information

9003080360 Responds to Generic Ltr 90-01 re request for voluntary peer NRC regulatory impact survey. Completed questionnaire encl.  
HAIRSTON, W.G. Alabama Power Co. 90/03/01. Document Control Branch (Document Control Desk) 12pp. 53047 018-53047 029

9003210368 Provides verification of nuclear insurance reporting requirements in 10CFR50.54 w(2).  
HAIRSTON, W.G. Alabama Power Co. 90/03/13. Document Control Branch (Document Control Desk) 1p 53104 258-53104 259

#### P. Operating license stage documents & correspondence

9002220408 Application for amendment to License NPF-8, revising Tech Spec visual insp & surveillance requirements for snubbers. Approval of change operation until seventh refueling outage w/o shutdown to inspect snubbers.  
HAIRSTON, W.G. Alabama Power Co. 90/02/08. Document Control Branch (Document Control Desk) 4pp. 52706 063-52706 084

-9002220409 Proposed Tech Specs re limiting condition for operation & requirements for visual insp of snubbers  
Alabama Power Co. 90/02/08 18pp. 52706 067-52706 084

9003070338 Application for amendments to Licenses NPF-2 & NPF-8, allowing ltr to be stored in Class C storage environment. No Safety Appliances ltr for test results justifying storage requirements.  
HAIRSTON, W.G. Alabama Power Co. 90/02/19. Document Control Branch (Document Control Desk) 3pp. 53023 001-53023 003

9003080360 Responds to Generic Ltr 90-01 re request for voluntary peer NRC regulatory impact survey. Completed questionnaire encl.  
HAIRSTON, W.G. Alabama Power Co. 90/03/01. Document Control Branch (Document Control Desk) 12pp. 53047 018-53047 029



9003200292 Forwards SPDS critical function status trees, per G West request during 900206 SPDS audit at plant W/o encl  
MOORE, B.L. Alabama Power Co. 90/03/05. REEVES, E.A. NRC - No Detailed Affidavit Given. 1p. 53079.133-53079.133

9003230164 Forwards Amends 82 & 74 to Licenses NPF-2 & NPF-8, respectively & safety evaluation Amends change Tech Specs to incorporate minor administrative & editorial changes in listed areas  
REEVES, E.A. Project Directorate II-1. 90/03/07. HAIRSTON, W.G. Alabama Power Co. 4pp. 53174.092-53174.123.

9003230190 Amends 82 & 74 to Licenses NPF-2 & NPF-8, respectively, changing Tech Specs to incorporate minor administrative & editorial changes in listed areas  
ADENSAME, G. Project Directorate II-1. 90/03/07. 25pp. 53174.096-53174.120.

9003230192 Safety evaluation supporting Amends 82 & 74 to Licenses NPF-2 & NPF-8, respectively  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/07. 3pp. 53174.121-53174.123.

9003200105 Emphasizes belief that info contained in unit 890412 ltr re station blackout responsive to 10CFR50.63  
HAIRSTON, W.G. Alabama Power Co. 90/03/08. Document Control Branch (Document Control Desk). 2pp. 53070.235-53070.236.

9003220296 Informs of resolution of USI A-47, per Generic Ltr 89-19  
HAIRSTON, W.G. Alabama Power Co. 90/03/14. Document Control Branch (Document Control Desk). 2pp. 53147.016-53147.017.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.089.

#### Q. Inspection reports, IE Bulletins & correspondence

9001120011 Forwards Insp Repts 50-348/89-33 & 50-364/89-33 on 891206 No violations or deviations noted.  
CLINE, W.E. Region 2, Ofc of the Director. 89/12/28. HAIRSTON, W.G. Alabama Power Co. 4pp. 52737.048-52737.053.

9001120013 Partially withheld Insp Repts 50-348/89-33 & 50-364/89-33 on 891206 (ref 10CFR2.790 & 73.21) No violations noted. Major areas inspected security contingency planning, specifically bomb threat actions & procedure implementation.  
STANSBERRY, W.W., MCGUIRE, D.R. Region 2, Ofc of the Director. 89/12/28. 1p. 52737.053-52737.053.

9002220408 Application for amend to License NPF-8, revising Tech Spec Table 4.7-3 re visual insp & surveillance requirements for snubbers. Approval of change will permit operation until seventh refueling outage w/o shutdown to inspect snubbers.  
HAIRSTON, W.G. Alabama Power Co. 90/02/08. Document Control Branch (Document Control Desk). 4pp. 52708.083-52708.084.

9002220409 Proposed Tech Specs re limiting condition for operation & surveillance requirements for visual insp of snubbers  
Alabama Power Co. 90/02/08. 18pp. 62706.087-62706.084.

9003050069 Forwards Page 4 to Insp Repts 50-348/89-31 & 50-364/89-31 on 891111-1210 Page inadvertently omitted from original rept.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/02/13. HAIRSTON, W.G. Alabama Power Co. 2pp. 52838.256-52838.258.

9003050093 Page 4 to Insp Repts 50-348/89-31 & 50-364/89-31 on 891111-1210 inadvertently omitted from original rept.  
Region 2, Ofc of the Director. 90/02/13. 1p. 52836.256-52836.258.

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776.282-52776.360.

9003080385 Forwards Insp Repts 50-348/90-04 & 50-364/90-04 on 900129-0202. No violations or deviations noted.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/02/23. HAIRSTON, W.G. Alabama Power Co. 3pp. 52910.323-52910.333.

9003080390 Insp Repts 50-348/90-04 & 50-364/90-04 on 900129-0202. No violations or deviations noted. Major areas inspected: followup of open items & review of activities re defects in Unit 1 steam generator tube.  
CROWLEY, B.R. Region 2, Ofc of the Director. 90/02/20. 8pp. 52910.328-52910.333.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.093.

9003080350 Responds to Generic Ltr 90-01 re request for voluntary participation in NRC regulatory impact survey. Completed questionnaire encl.  
HAIRSTON, W.G. Alabama Power Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 53047.018-53047.029.

9003210079 Forwards Insp Repts 50-348/90-01 & 50-364/90-01 on 900111-0210. No violations or deviations noted.  
VERRELLI, D.M. Region 2, Ofc of the Director. 90/03/02. HAIRSTON, W.G. Alabama Power Co. 3pp. 53104.108-53104.128.

9003210082 Insp Repts 50-348/90-01 & 50-364/90-01 on 900111-0210. No violations noted. Major areas inspected: review of operational safety verification, monthly surveillance observation, LERs & action on previous insp findings.  
MAXWELL, G.F., MILLER, W.H., CANTRILL, F.S. Region 2, Ofc of the Director. 90/03/02. 18pp. 53104.111-53104.128.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 98pp. 52844.100-52844.198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997.095-52997.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997.288-52997.318.

9003010293 Suppl 2 to NRC Info Notice 90-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.088-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.300-52963.408.

9003200072 Forwards Insp Repts 50-348/90-06 & 50-364/90-06 on 900220-23. No violations or deviations noted.  
CLINE, W.E. Region 2, Ofc of the Director. 90/03/09. HAIRSTON, W.G. Alabama Power Co. 3pp. 53071.289-53071.292.

9003200076 Partially withheld Physical Security Program Insp Repts 50-348/90-06 & 50-364/90-06 on 900220-23 (ref 10CFR2.790(d) & 73.21) Major areas inspected: physical security program, mgt support & protected & vital area access control.  
STANSBERRY, W.W., MCGUIRE, D.R. Region 2, Ofc of the Director. 90/03/08. 1p. 53071.292-53071.292.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003220003 Responds to NRC 900201 ltr re emergency planning weaknesses identified in Insp Repts 50-348/89-32 & 50-364/89-31. Corrective actions cited procedures revised. Direct line network notification to state agencies being implemented.  
HAIRSTON, W.G. Alabama Power Co. 90/03/15. Document Control Branch (Document Control Desk). 2pp. 53105.191-53105.192.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.226.

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### R. Periodic operating reports & related correspondence

9003070384 "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1989." W/900223 ltr.  
HAIRSTON, W.G. Alabama Power Co. 89/12/31. 177pp. 52991.116-52991.292.

9003080136 "Annual Rept of Radiation Dose Distribution at JM Farley Nuclear Plant for 1989." W/890223 ltr.  
HAIRSTON, W.G. Alabama Power Co. 89/12/31. 2pp. 52910.129-52910.130.

9003090287 "Tabulation of Personnel Radiation Exposure at JM Farley Nuclear Plant for 1989 by Work & Job Function." W/890223 ltr.  
HAIRSTON, W.G. Alabama Power Co. 89/12/31. 2pp. 52973.121-52973.122.

9002280519 Monthly operating rept for Jan 1990 for Joseph M Farley Nuclear Plant, Unit 2. W/900215 ltr.  
MOREY, D.N., HAIRSTON, W.G. Alabama Power Co. 90/01/31. 5pp. 52739.102-52739.108.

9003200128 Monthly operating rept for Feb 1990 for JM Farley Nuclear Plant, Unit 2 w/ 900313 Ir  
MORLEY, D.N., HAIRSTON, W.G. Alabama Power Co. 90/02/28. 5pp. 53078 011-53078 015

9003200424 Forwards add info inadvertently omitted from Jul-Dec 1989 semiannual radioactive effluent release report including changes to process control program.  
HAIRSTON, W.G. Alabama Power Co. 90/03/02. Document Control Branch (Document Control Desk). 1p. 52658 053-52658 081

9003200427 Amended, "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989"  
Alabama Power Co. 89/12/31. 28pp. 52858 054-52858 051

#### S. Reportable occurrences, LERs & related correspondence

9002220552 NPDES noncompliance notification beginning on 8/12/21 oil & grease at water cooling pump discharges exceeded permit limit. No specific cause could be determined. Pump resampled on 9/07/10.  
HAIRSTON, W.G. Alabama Power Co. 90/02/07. Document Control Branch (Document Control Desk). 2pp. 52703 185-52703 185

9003150060 LER 93-039/03X-2 on 8/30/78 discovered that handwheel for inner door of personnel airlock in shut position & partially opened. Caused by excessive use of opening outages. Door repaired & returned to operable status. W/903306.  
STORZ, L.F., STORZ, J.C. Edison Co. 89/03/06. 3pp. 52998 071-52998 071

9003200100 Part 21 motor several failures of Fairbanks Morse Engine Division pins/bushings on upper pistons caused by incorrect surface pattern on piston pins. Piston pins under stress purchased orders to be removed & replaced.  
DEER, T.J., Colt Industries, Inc. 90/03/07. Region 3, Oic of the Director. 3pp. 53078 287-53078 289

#### DOCKET 50-368 EDWIN I. HATCH NUCLEAR PLANT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9003200342 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 26pp. 53047 030-53047 055

9003200133 Forwards safety evaluation re heating programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures in area of water guide.  
CROCKER, L.P. Project Directorate I-3. 90/03/21. HAIRSTON, W.G. Georgia Power Co. 3pp. 53149 103-53149 116

#### H. General correspondence

9003220318 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." Agrees w/ NIMARC comments.  
HAIRSTON, W.G. Georgia Power Co. 90/03/12. CHILKS, J. Office of the Secretary of the Commission. 1p. 53086 224-53086 224

#### J. Insurance & indemnity information

9003120770 Forwards summary rept of present level & source of onsite property damage insurance coverage for plant.  
HAIRSTON, W.G. Georgia Power Co. 90/02/27. Document Control Branch (Document Control Desk). 3pp. 52599 194-52599 198

9003200342 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 26pp. 53047 030-53047 055

#### P. Operating license stage documents & correspondence

9003210087 Forwards safety evaluation accepting w/ 880630.0927 & 1019 responses to Generic Ltr 88-01 except for positions to average 4-hour interval RCS leakage measurements over 24-hour period & to not incorporate Tech Spec change.  
CROCKER, L.P. Project Directorate I-3. 90/02/16. HAIRSTON, W.G. Georgia Power Co. 3pp. 53112 085-53112 090

9003210069 Safety evaluation accepting 880630.0927 & 1019 responses to Generic Ltr 88-01 except as noted & concluding that proposed IGSCC insp & mitigation program reasonably assures maintenance of long-term structural integrity of austenitic steel piping.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/16. 3pp. 53112 088-53112 090

9003220050 Responds to request for add info re Generic Ltr 88-11, "NRC Position on Radiation Emission of Reactor Vessel Mat & Impact on Plant Operations." RINDT value for Unit 2 closure illaga reg on addressed.  
HAIRSTON, W.G. Georgia Power Co. 90/02/20. Document Control Branch (Document Control Desk). 3pp. 52778 226-52778 228

9003200257 Responds to NRC 900122 request to provide add info re Generic Ltr 88-16, "Installation of Hardened Wetwell Vent." UML determined that installation of vent prior to Mar 1993 refueling outage not practical.  
HAIRSTON, W.G. Georgia Power Co. 90/02/20. Document Control Branch (Document Control Desk). 4pp. 52838 133-52838 138

9003120184 Forwards Rev 0 to "Core Operating Limits Rept for Operating Cycle 9," per Amend. 106 to License NPF-5, authorizing relocation of fuel-related limits out of Tech Specs & into core operating limits rept.  
HAIRSTON, W.G. Georgia Power Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52880 052-52880 072

9003120219 Rev 0 to "Core Operating Limits Rept for Operating Cycle 9"  
BAKER, R.D. Georgia Power Co. 90/02/27. 18pp. 52880 054-52880 072

9003200342 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 26pp. 53047 030-53047 055

9003160129 Application for amendments to Licenses DPR-57 & NPF-5, revising Tech Specs to reflect editorial &/or administrative changes to make Unit 1 Tech Specs consistent w/ Unit 2 Tech Specs & BWR/4 STS.  
HAIRSTON, W.G. Georgia Power Co. 90/03/02. Document Control Branch (Document Control Desk). 28pp. 53040 034-53040 038

9003160132 Proposed Tech Specs reflecting editorial &/or administrative changes to make Unit 1 Tech Specs consistent w/ Unit 2 Tech Specs & BWR/4 STS.  
Georgia Power Co. 90/03/02. 38pp. 53040 060-53040 038

9003140244 Accepts 900123 response to Generic Ltr 89-13, "Site Water Sys Protection Affecting Safety-Related Equipment." Based on commitment to live recommended actions or equally effective alternate course of action.  
CROCKER, L.P. Project Directorate I-3. 90/03/05. HAIRSTON, W.G. Georgia Power Co. 2pp. 53018 359-53018 360

9003200101 Summary of 900208 meeting w/ Unit 1 & 2, BA re issues of mutual interest. List of attendees & agenda for meeting incl.  
CROCKER, L.P. Project Directorate I-3. 90/03/08. Project Directorate I-3. 3pp. 53071 348-53071 361

9003220307 Responds to Generic Ltr 89-19 re safety implementation of control system LWR nuclear power plants, per 900220 request & under terms that NRC has agreed to extend response deadline until 9/05/90.  
HAIRSTON, W.G. Georgia Power Co. 90/03/14. Document Control Branch (Document Control Desk). 2pp. 53165 279-53165 290

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re reassignment of staff position in Generic Ltr 89-28, Item 2, Part 2, "Vendor Interface to Safety-Related Components." Svc list incl.  
PARTIC, W.J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 5pp. 53195 014-53195 069

9003230133 Forwards safety evaluation evaluating programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures in area of water guide.  
CROCKER, L.P. Project Directorate I-3. 90/03/21. HAIRSTON, W.G. Georgia Power Co. 12pp. 53149 103-53149 116

#### Q. Inspection reports, IE Bulletins & correspondence

9003050076 Ack receipt of 900131 transmitting NRC of steps taken to correct violations noted in Insp Repts 50-321/89-28 & 50-366/89-28. Response meets requirements of 10CFR2.01.  
COLLINS, D.M. Region 2, Oic of the Director. 90/02/15. HAIRSTON, W.G. Georgia Power Co. 3pp. 52835 214-52835 216

9003210087 Forwards safety evaluation accepting w/ 880630.0927 & 1019 responses to Generic Ltr 88-01 except for positions to average 4-hour interval RCS leakage measurements over 24-hour period & to not incorporate Tech Spec change.  
CROCKER, L.P. Project Directorate I-3. 90/02/16. HAIRSTON, W.G. Georgia Power Co. 3pp. 53112 085-53112 090

9003210069 Safety evaluation accepting 880630.0927 & 1019 responses to Generic Ltr 88-01 except as noted & concluding that proposed IGSCC insp & mitigation program reasonably assures maintenance of long-term structural integrity of austenitic steel piping.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/16. 3pp. 53112 088-53112 090

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Control Rods." Svc list incl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776 262-52776 360

9002230283 NRC Info Notice 90-011, "Maintenance Associated w/ Steam Generator Valves." Svc list incl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp. 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list incl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp. 52844 001-52844 093

9003200342 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey."  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 26pp. 53047 030-53047 055

9003220050 Forwards Insp Repts 50-321/90-01 & 50-366/90-01 on 900106 0216 Violations noted but not cited.  
HERDT, A.R. Region 2, Oic of the Director. 90/03/02. HAIRSTON, W.G. Georgia Power Co. 3pp. 53105 204-53105 223

9003220050 Insp Repts 50-321/90-01 & 50-366/90-01 on 900106 0216 Violations noted re proper position of HPCI valve & shift turnover training. Major areas inspected: operational safety verification, maintenance observation & ESF sys walkdown.  
MENNING, J.E., MUSSER, R.A., BROCKMAN, K.E. Region 2, Oic of the Director. 90/03/02. 17pp. 53105 207-53105 223

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list incl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844 100-52844 198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list incl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870229). 90/03/08. Consolidated Edison Co. of New York, Inc. 8pp. 52997 001-52997 094

127 NRC Info Notice 90-016, "Compliance With Decommissioning Requirements," J.R.T. L. Division of Low-Level Waste Management & Decommissioning (Post 870411) 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-718

93 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentations," Svc list encl.  
E. Division of Operational Events Assessment (Post 870411) 90/03/07 dated Edison Co. of New York, Inc. 100pp. 52844-199-52844-208

94 Forwards results of circuit breaker testing per Bulletin 88-010, per telcon w/ker.  
ON, W.G. Georgia Power Co. 90/03/07. Document Control Branch (Document Desk). 5pp. 52995-239-52995-243

92 Forwards "Owners Data Rept for Inservice Insp Et Hatch Nuclear Unit 2 Sep-Dec 1989" & "Metallurgical Evaluation of Four Inch Pipe to Elbow in Plant Hatch, Unit 2"  
ON, W.G. Georgia Power Co. 90/03/07. Document Control Branch (Document Desk). 3pp. 53040-185-53040-301

186 "Owners Data Rept for Inservice Insp Et Hatch Nuclear Plant, Unit 2, Dec 1989"  
la Power Co. 90/03/07. 116pp. 53040-186-53040-283.

193 "Metallurgical Evaluation of Four-Inch Pipe-to-Elbow Weld from Plant Unit 2"  
GORDON, G.M., DELWICHE, D.E. General Electric Co. 89-178-021. 89/11/1. 53040-284-53040-301

11 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Capacitors," Svc list encl.  
E. Division of Operational Events Assessment (Post 870411) 90/03/09 dated Edison Co. of New York, Inc. 104pp. 52963-096-52963-193

13 NRC Info Notice 90-018, "Potential Problems With Safety Relief Jaws on Diesel Generator Air Start Receiver Tanks," Svc list encl.  
E. Division of Operational Events Assessment (Post 870411) 90/03/09 dated Edison Co. of New York, Inc. 100pp. 52963-209-52963-299

18 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount," Svc list encl.  
E. Division of Operational Events Assessment (Post 870411) 90/03/09 dated Edison Co. of New York, Inc. 109pp. 52963-300-52963-340

12 Discusses Insp Repts 50-321/90-02 & 50-360/90-02 on 930124-25 & 0222-35 notice of violation W/o encl.  
D.M. Region 2, Ofc of the Director. 90/03/12. HAINSTON, W.G. Georgia Power Co. 3pp. 53099-167-53099-169

3 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Spray at PWR Facilities," Svc list encl.  
E. Division of Operational Events Assessment (Post 870411) 90/03/14 dated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287

2 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box," Svc list encl.  
E. Division of Operational Events Assessment (Post 870411) 90/03/20 dated Edison Co. of New York, Inc. 98pp. 53035-129-53035-220

4 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators," Svc list encl.  
JHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147

6 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valve Because Valve Seat Friction Was Underestimated," Svc list encl.  
E. Division of Operational Events Assessment (Post 870411) 90/03/22 dated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100

9 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Trip of Power to Rosemount Transmitter Trip Units," Svc list encl.  
E. Division of Operational Events Assessment (Post 870411) 90/03/23 dated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108

#### operating reports & related correspondence

5 "1989 Annual Operating Rept on Safety Relief Valve Challenges & Design & Tests for 1989," W/900227 ltr.  
IN, W.G. Georgia Power Co. 89/12/31. 71pp. 52893-318-52894-028.

3 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989," W/900227 ltr.  
IN, W.G. Georgia Power Co. 89/12/31. 168pp. 53038-291-53039-088.

3 Monthly operating repts for Feb 1990 for Hatch, Units 1 & 2. W/900309 ltr.  
M., HAINSTON, W.G. Georgia Power Co. 90/02/28. 12pp. 53124-150-151.

#### ble occurrences, LERs & related correspondence

1 LER 90-001-00 on 900112, reactor scrammed because MSIVs were less open. Caused by component failure & configuration of condenser vacuum lines & instruments. Valves replaced W/900207 ltr.  
3. HAINSTON, W.G. Georgia Power Co. 90/02/07. 10pp. 52712-287-288.

9003230283 Public version of "Arkansas Nuclear One Emergency Preparedness Exercise REX-90 Exercise Scenario"  
Arkansas Power & Light Co. 90/01/05. 378pp. 53132-303-53133-321

9002260554 Discusses plant phone sys computerized branch exchange power supply change per Generic Ltr 89-10. No changes to emergency plan necessary.  
FISICARO, J.J. Arkansas Power & Light Co. 90/02/09. Document Control Branch (Document Control Desk). 2pp. 52739-113-52739-114

9003230050 Revised EPIPs, including Rev 12 to 1993.002 & Rev 10 to 1993.003  
Arkansas Power & Light Co. 90/02/15. 18pp. 53138-271-53138-288

9003140095 Advises that ut. volunteers to participate in emergency response data sys implementation per Generic Ltr 89-15.  
FISICARO, J.J. Arkansas Power & Light Co. 90/03/02. Document Control Branch (Document Control Desk). 2pp. 53019-311-53019-312

9003150075 Forwards Rev 18 to industrial security plan, incorporating changes at corporate level & making minor grammatical corrections. Rev withheld (rel 10CFR73.21).  
FISICARO, J.J. Arkansas Power & Light Co. 90/03/05. Document Control Branch (Document Control Desk). 1p. 53039-153-53039-153

9003180255 Forwards narrative description of fire barrier seal program, per D Kutich request.  
FISICARO, J.J. Arkansas Power & Light Co. 90/03/06. Document Control Branch (Document Control Desk). 5pp. 53048-274-53048-279

9003200061 Forwards details of completed security perimeter improvement project in response to Insp Repts 50-313/87-31 & 50-368/87-31 Encl withheld (rel 10CFR2.700).  
Arkansas Power & Light Co. 90/03/09. BEACH, B. Region 4, Ofc of the Director. 1p. 53075-112-53075-112

9003260115 Rev 9 to emergency plan. W/900309 ltr.  
FOWLER, R.L., FISICARO, J.J. Arkansas Power & Light Co. 90/03/09. 13pp. 53148-041-53148-053

#### H. General correspondence

9003160201 Advises that NS Carns will assume TG Campbell position as nuclear vco president, per: TG Campbell resignation. Future correspondence should be addressed to attention of NS Carns.  
HINTZ, D.C. Arkansas Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 2pp. 53036-184-53036-185

#### J. Insurance & indemnity information

9003080502 Forwards Endorsements A3 & 7 to NELA Policies NF-210 & NW-116. Endorsements 72 & 7 to MAELU Policies MF-74 & MW-47 & Endorsements 16 to NELA Certificates N-48, N-88 & MAELU Certificates M-48 & M-88, respectively.  
FISICARO, J.J. Arkansas Power & Light Co. 90/02/23. Document Control Branch (Document Control Desk). 11pp. 52923-131-52923-141

#### P. Operating license stage documents & correspondence

9003090023 Discusses 891122 submittal of procedure to make temporary repair to non-codex svc water sys piping & to allow unit to deviate from ASME Code on Class 3 low pressure components. Temporary repairs will be reviewed on case-by-case basis.  
HEBDON, F.J. Project Directorate IV (891091-900602) 90/02/28. CAMPBELL, T.G. Arkansas Power & Light Co. 3pp. 52986-234-52986-236

9003140068 Discusses results of independent analysis of anomalous SPDS isolation devices performed by NAS, Inc. Anomalous behavior result of different circuit configuration. Requests that NRC close SPDS issue.  
FISICARO, J.J. Arkansas Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 3pp. 53017-277-53017-279

9003140080 Application for amend to License NPF-6, changing Tech Specs to revise calbr requirements for linear power level, CPC delta-T power & CPC nuclear power signals to eliminate unnecessary calbrs.  
CARNS, N.S. Arkansas Power & Light Co. 90/03/02. 7pp. 53018-104-53018-112

9003140062 Proposed Tech Spec Table 4.3-1 re channel functional test & rated thermal power.  
Arkansas Power & Light Co. 90/03/02. 2pp. 53018-111-53018-112

9003140378 Application for amend to License NPF-6, correcting typo & grammatical errors to provide consistency in Tech Specs.  
CARNS, N.S. Arkansas Power & Light Co. 90/03/02. Document Control Branch (Document Control Desk). 8pp. 53024-081-53024-111

9003140387 Proposed Tech Specs correcting typos & grammatical errors in reactivity control sys instrumentation & electrical power sys sections.  
Carolina Power & Light Co. 90/03/02. 43pp. 53024-068-53024-111

9003150162 Responds to Generic Ltr 89-02, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor/Darling Model S350W..." No safety-related Anchor/Darling valves in use at plant, per Bulletin 89-002.  
FISICARO, J.J. Arkansas Power & Light Co. 90/03/05. Document Control Branch (Document Control Desk). 4pp. 53047-188-53047-189

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components," Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-069

## Q. Inspection reports, IE Bulletins &amp; correspondence

9002270153 Forwards final SALP rept for Jul 1968 - Sept 1969 & advises that unit proposed approach to provide combined response to both SALP & diagnostic evaluation team rept is acceptable  
MARTIN, R.D. Region 4, Ofc of the Director 90/02/13 CAMPBELL, G. Arkansas Power & Light Co 37pp 52755 319-52757 333

9003020181 Forwards Insp Repts 50-313/90-03 & 50-358/90-03 on 90/108-12 No violations or deviations noted  
COLLINS, S.J. Region 4, Ofc of the Director 90/02/13 CAMPBELL, G. Arkansas Power & Light Co 3pp 52795 184-52795 172

9003020184 Insp Repts 50-313/90-03 & 50-358/90-03 on 90/108-12 No violations or deviations noted Major areas inspected status of Unit 1 inservice testing program re staff positions contained in General Ltr 89-04  
STEWART, R.C., BARNES, J. Region 4, Ofc of the Director 90/02/15 6pp 52795 167-52795 172

9002270444 Responds to violations noted in Insp Repts 50-313/89-47 & 50-368/89-47 Corrective actions implementation of program to identify personnel failing to read radar at work permits underway & specific training sessions scheduled  
EWING, E.C. Arkansas Power & Light Co 90/02/20 Document Control Branch (Document Control Desk) 3pp 52758 041-52758 043

9003020224 Ack receipt of 891204 & 11 responses to NRC 891103 re violations noted in Insp Repts 50-313/89-42 & 50-368/89-42 Implementation of corrective actions to be reviewed during future insp  
COLLINS, S.J. Region 4, Ofc of the Director 90/02/20 CAMPBELL, G. Arkansas Power & Light Co 3pp 52795 263-52795 304

9003070002 Ack receipt of 900202 re informing NRC of steps taken to correct violations noted in Insp Repts 50-313/89-22 & 50-368/89-22  
COLLINS, S.J. Region 4, Ofc of the Director 90/02/22 CAMPBELL, G. Arkansas Power & Light Co 2pp 52690 290-52690 295

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In Control Rods" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 9pp 52776 262-52776 363

9003130034 Forwards Insp Repts 50-313/90-02 & 50-368/90-02 on 900101-31 Violations noted re failure to seal all four Unit 2 steam generator level low trip channels. Notice of violation will not be issued based on licensee self-identification  
COLLINS, S.J. Region 4, Ofc of the Director 90/02/26 CAMPBELL, G. Arkansas Power & Light Co 3pp 52991 331-52991 350

9003130043 Insp Repts 50-313/90-02 & 50-368/90-02 on 900101-31 Violations noted Major areas inspected fclwcp of previously identified items, fclwcp of events, operational safety verification & surveillance/maint.  
CHAMBERLAND, D. Region 4, Ofc of the Director 90/02/23 17pp 52991 334-52991 350

9002230283 NRC Info Notice 90-011, "Main: Deficiency Associated W/ Solenoid Operated Valves" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 8pp 52778 163-52778 261

9002230376 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 8pp 52844 001-52844 099

9003070129 Requests extension to respond to violations noted in Insp Repts 50-313/89-42 & 50-368/89-42 re ASME Section XI qualification of weld procedure specs  
EWING, E.C. Arkansas Power & Light Co 90/03/01 Document Control Branch (Document Control Desk) 2pp 52891 050-52891 091

9003070098 Responds to violations noted in Insp Repts 50-313/89-39 & 50-368/89-39 Corrective actions procedural controls for NDE will be upgraded to incorporate requirements of ASME Section XI, IWA-2841, "Layout of Component Ret Points"  
EWING, E.C. Arkansas Power & Light Co 90/03/02 Document Control Branch (Document Control Desk) 10pp 52891 039-52891 048

9002270398 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 8pp 52844 100-52844 188

9003150074 Responds to violations noted in Insp Repts 50-313/89-45 & 50-368/89-45 Corrective actions Administrative Procedure 1032.005, "Procurement Technical Assistance," will be revised to clarify actions to equipment qualifications  
EWING, E.C. Arkansas Power & Light Co 90/03/05 Document Control Branch (Document Control Desk) 5pp 53020 187-53020 191

9003150162 Responds to Generic Ltr 89-02, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor/Darling Model 5350W." No safety-related Anchor/Darling valves in use at plant per Bulletin 89-002  
FISCARO, J.J. Arkansas Power & Light Co 90/03/05 Document Control Branch (Document Control Desk) 4pp 53047 188-53047 189

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc ltr encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06 Consolidated Edison Co. of New York, Inc. 8pp 52997 001-52997 094

9003140268 Advises that 900129 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown During Refueling Operations," confirmed that three listed actions either in place or implemented Response satisfactory  
ALEXION, T.W., POSLUSNY, C. Project Directorate IV (891001-900602) 90/03/06 CAMPBELL, T.G. Arkansas Power & Light Co 3pp 53018 028-53018 030

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc ltr encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 8pp 52997 085-52997 189

9003010227 NRC Info Notice 90-016, "Compliance With New Decommissioning Plan" Svc ltr encl  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 9pp 52997 001-52997 008

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 10pp 52844 189-52844 258

9003160400 Ack receipt of 900131 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-313/89-32 & 50-368/89-32 Accepts extension of corrective actions for Violation 1 from 900131 to 900330  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/07 CAMPBELL, G. Arkansas Power & Light Co 2pp 53037 070-53037 072

9003020211 NRC Info Notice 90-017, "Weight & Cent of Gravity Discrepancies for Codes Vulcan Valves" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 10pp 52953 095-52953 189

9003220084 Ack receipt of 900220 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-313/89-47 & 50-368/89-47  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/08 CAMPBELL, G. Arkansas Power & Light Co 2pp 53145 118-53145 122

9003220110 Ack receipt of 891121 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-313/89-12 & 50-368/89-12 Schedule of completion of approved change during 891109 to be noted  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/08 CAMPBELL, G. Arkansas Power & Light Co 3pp 53112 198-53112 200

9003050043 NRC Info Notice 90-018, "Potential Problems With Cross Safety Pumps Used on Diesel Generator Air Start Receiver Tanks" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 10pp 52963 200-52963 299

9003050146 NRC Bulletin 90-021, "Loss of Full Oil in Transmitters May by Rosemount" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 10pp 52963 300-52963 348

9003200061 Forwards details of completed security perimeter improvement project response to Insp Repts 50-313/87-31 & 50-368/87-31 Encl withheld re 10CFR2790  
\* Arkansas Power & Light Co 90/03/09 BEACH, B. Region 4, Ofc of the Director 3pp 53075 112-53075 112

9003230319 Forwards ISI Program Vol 17, "Seventh Refueling Outage Rept" & Vol 18 "Seventh Refueling Outage Exam Data" Hydrostatic test of main steam/secundary systems incomplete  
FISCARO, J.J. Arkansas Power & Light Co 90/03/13 Document Control Branch (Document Control Desk) 2pp 53127 005-53127 055

9003230321 "Inservice Insp Program Vol 17 Seventh Refueling Outage Rept"  
\* Arkansas Power & Light Co 90/03/13 558pp 53127 007-53127 201

9003280007 "Inservice Insp Program Vol 18 Seventh Refueling Outage Exam Data"  
\* Arkansas Power & Light Co 90/03/13 211pp 53128 205-53128 055

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vote for Containment Recirculation Spray at PWR Facilities" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 8pp 52997 190-52997 287

9003200280 Responds to diagnostic evaluation team rept & SALP Repts 50-313/89-34 & 50-368/89-34 Business plan also encl. Findings do not individually or collectively adversely impact plant response during event  
CARNS, N.S. Arkansas Power & Light Co 90/03/14 TAYLOR, J.M. Ofc of the Executive Director for Operations 296pp 53053 263-53054 199

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 8pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc ltr encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 9pp 53166 057-53166 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 10pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units" Svc ltr encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108

## R. Periodic operating reports &amp; related correspondence

9003140107 "Personnel Exposure & Monitoring Rept for 1989." W/900302 ltr  
FISCARO, J.J. Arkansas Power & Light Co 89/12/31 6pp 53019 325-53019 330

9003150264 "Semiannual Radiological Effluent Release Rept for Third & Fourth Quarters of 1989." W/900301 ltr  
FISCARO, J.J. Arkansas Power & Light Co 89/12/31 35pp 53022 311-53022 345

9002280277 Forwards monthly operating rept for Jan 1989 & "Annual Rept of Safety & Relief Valve Failures & Challenges 1989."  
FISCARO, J.J. Arkansas Power & Light Co 90/02/15 Document Control Branch (Document Control Desk) 1p 52780 328-52780 334

Monthly operating rept for Jan 1990 for Arkansas Nuclear One, Unit 2.  
Arkansas Power & Light Co 90/01/31 5pp 52760 329-52760 333.

1 "Annual Rept of Safety & Relief Valve Failures & Challenges for 1989."  
Power & Light Co. 89/12/31. 1p 52760.334-52760 334.

Forwards monthly operating rept for Jan 1990 for Arkansas Nuclear  
& 1989 annual rept of safety & relief valve failure & challenges  
J.J. Arkansas Power & Light Co 90/02/15 Document Control Branch  
(Document Control Desk) 1p. 52766 194-52766 260

Submits annual rept of diesel generator failures for 1989 No failures noted  
J.J. Arkansas Power & Light Co 90/02/28 Document Control Branch  
(Document Control Desk) 2pp. 53024 313-53024 314.

Monthly operating rept for Feb 1990 for Arkansas Nuclear One, Unit 2.W/

5. FIS:CARQ,J.J. Arkansas Power & Light Co 90/02/28 6pp 53104.354-

#### Occurrences, LERs & related correspondence

LER 90-001-00 on 900126, identified that required visual insps of contain-  
after entry made not documented as being performed. Caused by in-  
adequate guidance. Administrative controls to be established W/900226 lr.  
A. EWING, E.C. Arkansas Power & Light Co 90/02/23. 4pp. 52895 046-

LER 89-022-01 on 891114, normal offsite power feeder breaker to 4,160-  
V bus opened, resulting in loss of power to bus 2A3. Caused by inadequate  
test controls. Test switch opened & job order changed W/900227 lr.  
A. EWING, E.C. Arkansas Power & Light Co 90/02/27. 4pp. 52828 269

LER 89-026-00 on 891112, gaps in piping supports on supply & return  
oil-antiment coolers identified. Caused by inadequate design technique used  
support design. Straps added before restart from outage W/900301 lr.  
A. EWING, E.C. Arkansas Power & Light Co 90/03/01. 4pp. 52895 037-

LER 90-002-00 on 900131, errors identified in calculation used to establish  
safety for steam generator water level transmitters. Caused by incorrect static  
assumption. Trip setpoint bistable increased W/900302 lr.  
A. EWING, E.C. Arkansas Power & Light Co 90/03/02. 4pp. 52895 050-

LER 90-003-00 on 900201, failure to perform monthly source check surveil-  
lance radiation process monitors occurred. Caused by inadequate procedure  
personnel. Source check on monthly basis implemented W/900305 lr.  
A. EWING, E.C. Arkansas Power & Light Co 90/03/05. 4pp. 53006 110.

Part 21 rept re several failures of Fairbanks Morse Engine Division pins/  
on upper pistons. Caused by incorrect surface pattern on piston pins. Piston  
listed purchase orders to be removed & replaced.  
A. Colt Industries, Inc. 90/03/07 Region 3, Ofc of the Director. 3pp.  
53078 280.

LER 85-029-00 on 850520, unusual motor vibrations identified on svc water  
pump. On 861028, high vibrations noted on upper motor bearings of pump  
used by improper installation. New bearings installed W/900312 lr.  
A. EWING, E.C. Arkansas Power & Light Co 90/03/12. 4pp. 53053 034-

LER 90-004-00 on 900212, identified that no backwater valve located in  
pipe in one of emergency feedwater pump rooms. Caused by inadequate  
control. Valves installed on 900215 W/900314 lr.  
J. MILLAR, D. Arkansas Power & Light Co 90/03/14. 4pp. 53144 079-

#### Examinations

Forwards exam results, including answer keys, grading results for facility &  
answer sheets for each examinee as result of written operating licensing  
examination on 900207. Results should be forwarded to examinees.

J. Region 4, Ofc of the Director. 90/02/28. FORCE, E.A. Arkansas Power &  
& GASPER, J.K. Omaha Public Power District. TOTI, C.J. Louisiana Power &  
5pp. 52888 268-52888 357.

#### 369 WILLIAM B. MCGUIRE NUCLEAR STATION, UNIT 1

#### Medical, emergency & fire protection plans

Revised crisis mgt plan implementing procedures, including Rev 4 to EDA-3  
EDA-8, W/900215 lr.  
E. Duke Power Co. 90/02/15. 64pp. 52726 087-52726 151.

Forwards public version of EIPs, including RP/0/A/5700/01, RP/0/A/  
P/0/A/5700/03, RP/0/A/5700/04 & HP/0/B/1009/20 W/DH Grimsley  
case memo.  
B. Duke Power Co. 90/02/15. Document Control Branch (Document Con-  
trol Desk) 2pp. 53024 194-53024 312.

1 Public version of EIPs, including RP/0/A/5700/01, RP/0/A/5700/  
P/0/A/5700/04 & HP/0/B/1009/20.  
ELL, T.L. Duke Power Co. 90/02/05. 117pp. 53024 196-53024 312.

Forwards public version of crisis mgt implementing procedures, including  
CMP-1, Rev 25 to CMP-2, Rev 30 to CMP-4, Rev 34 to CMP-5, Rev 39 to  
Rev 38 to CMP-7.  
B. Duke Power Co. 90/02/19. Document Control Branch (Document Con-  
trol Desk) 2pp. 52993 001-52993 134.

-9003130021 Revised crisis mgt implementing procedures, including Rev 34 to CMP-  
1, Rev 25 to CMP-2, Rev 30 to CMP-4, Rev 34 to CMP-5, Rev 39 to CMP-6 & Rev 38  
to CMP-7.  
HARRIS, K.E. Duke Power Co. 90/02/15. 492pp. 52993 003-52993 134.

9003120141 Comments on recommendations in SALP Repts 50-369/89-34 & 50-370/  
89-34 in functional areas of plant operations, emergency preparedness, security/  
safeguards, engineering/technical support & safety assessment/quality verification.  
TUCKER, H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Con-  
trol Desk) 4pp. 52973 157-52973 160.

9003160335 Forwards response to weakness identified in Insp Repts 50-369/89-39 &  
50-370/89-39 which occurred during annual emergency exercise on 891207. Correc-  
tive actions training on command & control functions of shift supervisor provided.  
TUCKER, H.B. Duke Power Co. 90/03/09. Document Control Branch (Document Con-  
trol Desk) 2pp. 53037 078-53037 070.

#### P. Operating license stage documents & correspondence

9002260250 Forwards E. Backlund 880920 request for CRGR review of proposed gener-  
ator response to request during 900109 & 16 meetings w/NRC for NRC consid-  
erations made prior to issuance of Generic Ltr 89-10.  
MATTHEWS, D.B. Project Directorate II-3. 90/02/05. TUCKER, H.B. Duke Power Co.  
4pp. 52720 273-52720 316.

9002220516 Forwards Amends 102 & 84 to Licenses NPF-9 & NPF-17, respectively &  
safety evaluation Amends change Tech Spec Table 3.3-4, "ESFAS Instrumentation  
Trip Setpoints" & Table 3.3-5, "ESF Response Times".  
HOOD, D. Project Directorate II-3. 90/02/10. TUCKER, H.B. Duke Power Co. 3pp.  
52705 208-52705 221.

-9002220527 Amends 102 & 84 to Licenses NPF-9 & NPF-17, respectively, revising  
Tech Spec Table 3.3-4, "ESFAS Instrumentation Trip Setpoints" to correct & better  
define trip setpoint & allowable value & Table 3.3-5, "ESF Response Times".  
MATTHEWS, D.B. Project Directorate II-3. 90/02/10. 8pp. 52705 211-52705 218.

-9002220533 Safety evaluation supporting Amends 102 & 84 to Licenses NPF-9 &  
NPF-17, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/10. 3pp.  
52705 219-52705 221.

9002260294 Forwards Amends 103 & 85 to Licenses NPF-9 & NPF-17, respectively &  
safety evaluation Amend modifies Tech Specs 4.9.8.1 & 4.9.8.2 to reduce required  
RRR sys flow rate during refueling.  
HOOD, D. Project Directorate II-3. 90/02/14. TUCKER, H.B. Duke Power Co. 2pp.  
52747 348-52747 361.

-9002260299 Amends 103 & 85 to Licenses NPF-9 & NPF-17, respectively. Amend  
modifies Tech Specs 4.9.8.1 & 4.9.8.2 to reduce required RRR sys flow rate during  
refueling & adds surveillance requirement to ensure that RCS temp maintained.  
MATTHEWS, D.B. Project Directorate II-3. 90/02/14. 10pp. 52747 348-52747 358.

-9002260312 Safety evaluation supporting Amends 103 & 85 to Licenses NPF-9 &  
NPF-17, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/14. 3pp.  
52747 350-52747 361.

9002270044 Application for amends to Licenses NPF-9 & NPF-17, allowing option of  
using B&W recirculating steam generator kinetic sleeve qualification for 3/4-inch OD  
tube repair process described in Topical Rept BAW-2045(P)-A.  
TUCKER, H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Con-  
trol Desk) 10pp. 52749 225-52749 242.

-9002270049 Proposed Tech Specs re B&W kinetic sleeve process for steam genera-  
tor tube repair.  
\* Duke Power Co. 90/02/15. 8pp. 52749 235-52749 242.

9003130033 Amends 881128 application for amends to Licenses NPF-9 & NPF-17, clarif-  
ying Tech Spec 6.2.3 re safety review group, per 900212 discussions w/NRC. Listed  
criteria replace that of previous submittal.  
TUCKER, H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Con-  
trol Desk) 3pp. 52991 322-52991 324.

9002260071 Forwards proprietary response to NRC 890725 questions re VIPRE core  
thermal hydraulic section of Topical Rept DPC-NE-3000 & Rev 2 to Pages 3-69, 3-  
70, 3-78 & 3-79 of rept. Encls withheld (ref 10CFR2789).  
TUCKER, H.B. Duke Power Co. 90/02/20. Document Control Branch (Document Con-  
trol Desk) 2pp. 52753 284-52753 285.

9002260134 Application for amend to License NPF-9 & exemption from 10CFR50, App. J  
re relief from requirements that three containment integrated leak rate tests required  
during 10-yr inservice insp interval must be done at same outage.  
TUCKER, H.B. Duke Power Co. 90/02/20. Document Control Branch (Document Con-  
trol Desk) 3pp. 52739 084-52739 095.

-9002260138 Proposed Tech Specs requesting exemption from 10CFR App. J for one-  
time request for relief from requirements that three containment integrated leak rate  
tests required during 10-yr inservice insp interval must be performed during same outage.  
\* Duke Power Co. 90/02/20. 8pp. 52739 087-52739 095.

9003020241 Forwards revised proprietary pages to DPC-NE-2004, "Core Thermal Hy-  
draulic Methodology Using VIPRE-01," reflecting minor methodology changes made  
during review & approval process. Pages withheld.  
TUCKER, H.B. Duke Power Co. 90/02/22. Document Control Branch (Document Con-  
trol Desk) 2pp. 52816 205-52816 206.

9003090328 Forwards semiannual radioactive effluent release rept for Jul-Dec 1989 for  
McGuire Nuclear Station Units 1 & 2 & revised process control programs & offsite  
dose calculation manuals.  
TUCKER, H.B. Duke Power Co. 90/02/28. Document Control Branch (Document Con-  
trol Desk) 4pp. 52952 053-52952 142.

-9003090332 Rev 8 to, "Process Control Program, McGuire Nuclear Station."  
EKECHUKWU, O.E., CARPENTER, C.R., MCCONNELL, T.L. Duke Power Co. 89/12/05.  
54pp. 52952 088-52952 141.

-9003090348 Rev 26 to, Offsite Dose Calculation Manual McGuire Nuclear Station  
BIRCHM.L. MCCONNELL.TL Duke Power Co. 90/01/01. 41pp. 52952 351-  
52953 031

-9003090351 Rev 28 to, "Offsite Dose Calculation Manual Cconee, McGuire & Catawba  
Nuclear Stations"  
BIRCHM.L. Duke Power Co. 90/01/01. 62pp. 52953 061-52953 142

9003140290 Requests extensions on respond to Generic Ltr 90-01 re participation in reg-  
ulatory impact survey until 900402 U.I. in process of completing questionnaires for all  
units.  
TUCKER.H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Con-  
trol Desk). 1p. 53018 341-53018 341

9003070294 Notification of 900313 meeting w/ul in Rockville, MD to discuss plans by  
ul to request Tech Spec change to increase allowable unidentified RCS leakage rate  
from 1 cpm to 3 cpm.  
HOOD.D.S. Project Directorate II-3. 90/03/02. MATTHEWS.D.B. Project Directorate II-3.  
4pp. 52897 317-52897 326

9003160348 Notification of 900320 meeting w/B&W and ul in Rockville, MD to discuss  
review status of B&W record methods for plants.  
HSE.Y. Reactor Systems Branch. 90/03/03. JONES.R.C. Reactor Systems Branch.  
2pp. 53033 249-53033 249

9003220158 Forwards record of letter re info from concerned individual concerning al-  
tered drug use & safe at plant. Response to and concerns requested within 45 days of  
receipt. Enc. with letter.  
HERDT.A.R. Region 2, Ofc of the Director. 90/03/12. TUCKER.H.B. Duke Power Co.  
3pp. 53126 157-53126 159

9003210200 Forwards Amends 104 & 86 to Licenses NPF-9 & NPF-17, respectively &  
safety evaluation Amends rev 50 Tech Specs 4.0.2 to be consistent w/model specified  
in Generic Ltr 89-14.  
HOOD.D.S. Project Directorate II-3. 90/03/13. TUCKER.H.B. Duke Power Co. 3pp.  
53111 343-53111 355

-9003210204 Amends 104 & 86 to Licenses NPF-9 & NPF-17, respectively, revising  
Tech Specs 4.0.2 to be consistent w/model specified in Generic Ltr 89-14.  
MATTHEWS.D.B. Project Directorate II-3. 90/03/13. 7pp. 53111 346-53111 352

-9003210207 Safety evaluation supporting Amends 104 & 86 to Licenses NPF-9 &  
NPF-17, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/13. 3pp.  
53111 353-53111 355

9003230088 Forwards NPDES Permit NC0024392  
TUCKER.H.B. Duke Power Co. 90/03/14. Document Control Branch (Document Con-  
trol Desk). 2pp. 53149 003-53149 040

-9003230121 NPDES Permit NC0024392, issued to Duke Power Co.  
WILMS.R.P. North Carolina, State of. 90/01/19. 36pp. 53149 005-53149 013

9003260036 Forwards Amends 105 & 87 to Licenses NPF-9 & NPF-17, respectively &  
safety evaluation Amends change Tech Spec by replacing values of cycle specific pa-  
rameter limits in core-related specs.  
HOOD.D.S. Project Directorate II-3. 90/03/15. TUCKER.H.B. Duke Power Co. 3pp.  
53148 302-53148 351

-9003260038 Amends 105 & 87 to Licenses NPF-9 & NPF-17, respectively, changing  
Tech Specs table of content & deleting several obsolete footnotes.  
MATTHEWS.D.B. Project Directorate II-3. 90/03/15. 43pp. 53148 305-53148 347

-9003260040 Safety evaluation supporting Amends 105 & 87 to Licenses NPF-9 &  
NPF-17, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/15. 3pp.  
53148 348-53148 351

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation  
of staff position in Generic Ltr 89-28, Item 2, Part 2, "Vendor Interface for Safety-Re-  
lated Components." Svc list encl.  
PARTLOW.J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated  
Edison Co. of New York, Inc. 55pp. 53195 014-53195 059

#### Q. Inspection reports, IE Bulletins & correspondence

9002260090 Forwards Insp Repts 50-369/89-42 & 50-370/89-42 on 891220-  
900122 Violations noted but not cited.  
HERDT.A.R. Region 2, Ofc of the Director. 90/02/07. TUCKER.H.B. Duke Power Co.  
3pp. 52747 335-52747 345

-9002260097 Insp Repts 50-369/89-42 & 50-370/89-42 on 891220-900122. Violations  
noted Major areas inspected plant operations safety verification surveillance  
testing maint activities & followup on previous insp findings & event repts.  
VAN DOORN.P.K., COOPER.T., SHYMLOCK.M.B. Region 2, Ofc of the Director. 90/02/07. 8pp.  
52747 336-52747 345

9002260134 Application for amend to License NPF-9 & exemption from 10CFR50, App J  
re relief from requirements that three containment integrated leak rate tests required  
during 10-yr service insp interval must be done at same outage.  
TUCKER.H.B. Duke Power Co. 90/02/20. Document Control Branch (Document Con-  
trol Desk). 3pp. 52739 084-52739 095

-9002260136 Proposed Tech Specs requesting exemption from 10CFR App J for one-  
time request for relief from requirements that three containment integrated leak rate  
tests required during 10-yr service insp must be performed during same outage.  
\* Duke Power Co. 90/02/20. 9pp. 52739 087-52739 095

9003090409 Forwards Insp Repts 50-369/90-02 & 50-370/90-02 on 900128-0202 No  
violations or deviations noted.  
JULIAN.C.A. Region 2, Ofc of the Director. 90/02/21. TUCKER.H.B. Duke Power Co.  
3pp. 52973 135-52973 148

-9003090411 Insp Repts 50-369/90-02 & 50-370/90-02 on 900128-0202 No violations  
or deviations noted Major areas inspected: service insp program & Unit 1 insp  
plan/NDE procedures & independent exam verifications.  
NEWSOME.R.W., BLAKE.J.J. Region 2, Ofc of the Director. 90/02/15. 11pp.  
52973 138-52973 148

9003140258 Requests approval for use of ASME Code Case N 461, "Alternative Rules  
for Plug Call Block Thickness." Code case will be incorporated into service insp  
programs at facilities.  
TUCKER.H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Con-  
trol Desk). 3pp. 53018 214-53018 216

9003140321 Ack receipt of 891222 ltr informing NRC of steps taken to correct violations  
noted in Insp Repts 50-369/89-31 & 50-370/89-31. Event evaluated & correctly de-  
termined to be non-reportable.  
EBNETER.S.D. Region 2, Ofc of the Director. 90/02/22. TUCKER.H.B. Duke Power  
Co. 6pp. 53031 286-53031 291

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking at  
Core." Svc list encl.  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/02/23.  
Consolidated Edison Co. of New York, Inc. 9pp. 52776 262-52776 265

9002230283 NRC Info Notice 90-011, "Main Drainage Associated W/ Safety-Op-  
erated Valves." Svc list encl.  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/02/23.  
Consolidated Edison Co. of New York, Inc. 9pp. 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Control  
Logic." Svc list encl.  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/02/23.  
Consolidated Edison Co. of New York, Inc. 9pp. 52844 601-52844 092

9003130141 Ack receipt of 890202 & 09 ltr informing NRC of steps taken to cor-  
rect violations noted in Insp Repts 50-369/89-34 & 50-370/89-34.  
COLLINS.D.M. Region 2, Ofc of the Director. 90/02/28. TUCKER.H.B. Duke Power  
Co. 2pp. 52932 358-52932 361

9003120141 Comments on recommendations in SA-P Repts 50-369/89-34 & 50-370/89-34  
on functional areas of plant operations, emergency preparedness, safety  
safeguards, engineering technical support & safety assessment/quality verification.  
TUCKER.H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Con-  
trol Desk). 4pp. 52973 157-52973 165

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safety-  
Event Logs." Svc list encl.  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/02/23.  
Consolidated Edison Co. of New York, Inc. 9pp. 52844 183-52844 191

9003140373 Informs that ul 90J126 response in NRC Bulletin 89-003, "Potential Loss  
of Required Shutdown Margin During Refueling Operations," satisfactory.  
MATTHEWS.D.B. Project Directorate II-3. 90/03/05. TUCKER.H.B. Duke Power Co.  
4pp. 53006 316-53006 317

9002260081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials."  
Svc list encl.  
CUNNINGHAM.R.E. Division of Industrial & Medical Nuclear Safety (Post 870411).  
90/03/06. Consolidated Edison Co. of New York, Inc. 10pp. 52937 001-52937 001

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement States For  
ation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM.R.E. Division of Industrial & Medical Nuclear Safety (Post 870411).  
90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997 095-52997 157

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Reg-  
ulations." Svc list encl.  
BANGARI.H.L. Division of Low-Level Waste Management & Decommissioning (Post  
870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52937 261-  
52937 261

9003010293 Supp. 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresent-  
ed Fasteners." Svc list encl.  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/03/07.  
Consolidated Edison Co. of New York, Inc. 10pp. 52844 199-52844 298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes  
Vulcan Valves." Svc list encl.  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/03/08.  
Consolidated Edison Co. of New York, Inc. 10pp. 52963 096-52963 199

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief  
Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/03/09.  
Consolidated Edison Co. of New York, Inc. 10pp. 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount."  
Svc list encl.  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/03/09.  
Consolidated Edison Co. of New York, Inc. 10pp. 52963 300-52963 048

9003160336 Forwards response to weakness identified in Insp Repts 50-369/89-38 &  
50-370/89-38 which occurred during annual emergency exercise on 891207. Corrective  
actions: training on command & control functions of shift supervisor provided.  
TUCKER.H.B. Duke Power Co. 90/03/09. Document Control Branch (Document Con-  
trol Desk). 2pp. 53037 078-53037 078

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment  
Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI.C.E. Division of Operational Events Assessment (Post 870411). 90/03/14.  
Consolidated Edison Co. of New York, Inc. 9pp. 52887 190-52887 287

9003270192 Forwards Insp Repts 50-369/89-03 & 50-370/89-03 on 900123-0223. Violations  
noted but not cited.  
HERDT.A.R. Region 2, Ofc of the Director. 90/03/14. TUCKER.H.B. Duke Power Co.  
3pp. 53192 023-53192 040

-9003270198 Insp Repts 50-369/90-03 & 50-370/90-03 on 900123-0223. No violations  
noted Major areas inspected: plant operations, safety verification, surveillance  
testing, maint activities, facility mods & licensee self assessment.  
VAN DOORN.P.K., COOPER.T., NINH.S. Region 2, Ofc of the Director. 90/03/14.  
15pp. 53192 026-53192 040

0012 NRC Bulletin 90-002 "Loss of Thermal Margin Caused by Channel Box Svc list encl  
I.C.E. Division of Operational Events Assessment (Post 870411). 90/03/20.  
I dated Edison Co of New York, Inc. 88pp. 53035.129-53035.226

224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Op  
of Radwaste Incinerators" Svc list encl.  
INGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
/22 Consolidated Edison Co of New York, Inc. 91pp. 53166.057-53166.147

306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly  
to Operate Because Valve Seat Friction Was Undereestimated" Svc list encl  
I.C.E. Division of Operational Events Assessment (Post 870411) 90/03/22  
I dated Edison Co of New York, Inc. 103pp. 53132.001-53132.100

349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following  
ation of Power to Rosemount Transmitter Trip Units." Svc list encl  
I.C.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
I dated Edison Co of New York, Inc. 102pp. 53165.007-53165.108

#### dlc operating reports & related correspondence

227 "Personnel Exposure Monitoring Data for CY89." W/900301 ltr  
R.H.B. Duke Power Co. 89/12/31. 3pp. 53027.359-53027.352

347 Forwards monthly operating rept for Jan 1990 & monthly operating status  
at on of Power to Rosemount Transmitter Trip Units." Svc list encl  
R.H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Con-  
sk) 1p. 52716.116-52716.127

0349 Monthly operating rept for Jan 1990 for McGuire Nuclear Station.  
MS.R.A. Duke Power Co. 90/01/31. 10pp. 52716.117-52716.126

0353 Monthly operating status rept for Dec 1989 for McGuire Nuclear Station  
Power Co. 89/12/31. 1p. 52716.127-52716.127

328 Forwards semiannual radioactive effluent release rept for Jul-Dec 1989 for  
e Nuclear Station Units 1 & 2 & revised process control programs & offsite  
alculation manuals  
R.H.B. Duke Power Co. 90/02/28. Document Control Branch (Document Con-  
sk) 4pp. 52952.053-52952.142

3331 "Semiannual Radioactive Effluent Release Rept, McGuire Nuclear  
Units 1 & 2, Jul-Dec 1989"  
R.H.B. Duke Power Co. 89/12/31. 31pp. 52952.057-52952.067

3332 Rev 8 to, "Process Control Program, McGuire Nuclear Station."  
UKWU, O.E. CARPENTER, C.R. MCCONNELL, T.L. Duke Power Co. 89/12/05.  
2352.088-52952.141

3339 Rev 4 to, "Process Control Program, Catawba Nuclear Station."  
UKWU, O.E. TAYLOR, J.C. Duke Power Co. 89/11/27. 47pp. 52952.142-  
189.

3340 Rev 4 to, "Process Control Program, Oconee Nuclear Station."  
KIN, M.B., DAVIS, J.M., TUCKMAN, M.S. Duke Power Co. 89/11/15. 114pp.  
190-52952.303

3346 Rev 25 to, "Offsite Dose Calculation Manual, Catawba Nuclear Station"  
M.L. OWEN, T.B. Duke Power Co. 90/01/01. 47pp. 52952.304-52952.359.

3348 Rev 26 to, "Offsite Dose Calculation Manual, McGuire Nuclear Station"  
M.L. MCCONNELL, T.L. Duke Power Co. 90/01/01. 41pp. 52952.351-  
331.

3350 Rev 27 to, "Offsite Dose Calculation Manual, Oconee Nuclear Station"  
M.L. TUCKMAN, M.S. Duke Power Co. 90/01/01. 48pp. 52953.032-52953.080.

3351 Rev 28 to, "Offsite Dose Calculation Manual, Oconee, McGuire & Catawba  
Stations"  
M.L. OWEN, T.B., MCCONNELL, T.L. Duke Power Co. 90/01/01. 62pp.  
381-52953.142.

80 Forwards monthly operating rept for Feb 1990 & corrected Jan 1990 rept  
to Nuclear Station Units 1 & 2.  
R.H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Con-  
sk) 1p. 63077.271-63077.282.

1183 Monthly operating rept for Feb 1990 for McGuire Nuclear Station Units 1  
MS.R.A. Duke Power Co. 90/02/28. 10pp. 63077.272-63077.281.

1184 Corrected monthly operating rept for Jan 1990 for McGuire Nuclear Sta-  
is 1 & 2.  
Power Co. 90/01/31. 1p. 63077.282-63077.282.

#### table occurrences, LERs & related correspondence

10 LER 89-031-01: on 891012, Tech Spec 3.0.3 entered due to inappropriate  
during maint on control area vent sys. Caused by inappropriate action Tech  
0.3 action. Event will be covered w/ all maint personnel. W/900301 ltr.  
MCCONNELL, T.L. Duke Power Co. 89/11/13. 10pp. 62979.297-62979.306.

15 LER 90-002-00: on 900117, hold down screws on Sylvania contactors in  
control circs found loose. Caused by mfg deficiency. Contactor screws  
id all hold down screws will be replaced w/ another type. W/900223 ltr.  
MCCONNELL, T.L. Duke Power Co. 90/02/16. 8pp. 52829.214-52829.221.

59 LER 90-004-00: on 900208, determined that holes left in auxiliary shutdown  
ould allow water spray into cabinet. Cause unknown. Holes covered w/ duct tape  
ed. W/900319 ltr.  
MCCONNELL, T.L. Duke Power Co. 90/03/19. 8pp. 53165.146-53165.153.

#### T. Hearing transcripts on non-antitrust matters

9003090521 Forwards transcript of 900131 meeting at Catawba plant re proposed civil  
penalty for violations involving inoperable auxiliary feedwater pump & civil penalty pro-  
posed for safety violations  
EBNETER, S.D. Region 2. Oic of the Director. 90/02/23. TUCKER, H.B. Duke Power  
Co. 1p. 52951.312-52952.050

#### DOCKET 50-370 WILLIAM B. MCGUIRE NUCLEAR STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002260532 Revised crisis mgt plan implementing procedures, including Rev 4 to EDA-3  
& Rev 5 to EDA-9 W/900215 ltr.  
HARRIS, R.E. Duke Power Co. 90/02/15. 64pp. 52726.007-52726.151.

9003140104 Forwards public version of EIPs, including RP/0/A/5700/01, RP/0/A/  
5700/02, RP/0/A/5700/03, RP/0/A/5700/04 & RP/0/B/1009/20 W/D:1 Grimstey  
900305 release memo  
TUCKER, H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Con-  
trol Desk) 2pp. 53024.194-53024.312

9003140111 Public version of EIPs, including RP/0/A/5700/01, RP/0/A/5700/  
02, RP/0/A/5700/04 & RP/0/B/1009/20  
MCCONNELL, T.L. Duke Power Co. 90/02/05. 117pp. 53024.196-53024.312

9003130711 Forwards public version of crisis mgt implementing procedures, including  
Rev 34 to CMIP-1, Rev 25 to CMIP-2, Rev 30 to CMIP-4, Rev 34 to CMIP-5, Rev 39 to  
CMIP-5 & Rev 38 to CMIP-7  
TUCKER, H.B. Duke Power Co. 90/02/19. Document Control Branch (Document Con-  
trol Desk) 2pp. 52993.001-52994.134.

9003130721 Revised crisis mgt implementing procedures, including Rev 34 to CMIP-  
1, Rev 25 to CMIP-2, Rev 30 to CMIP-4, Rev 34 to CMIP-5, Rev 39 to CMIP-6 & Rev 38  
to CMIP-7  
HARRIS, R.E. Duke Power Co. 90/02/15. 492pp. 52993.003-52994.134.

9003120141 Comments on recommendations in SAIP Repts 50-369/89-34 & 50-370/  
89-34 in functional areas of plant operations, emergency preparedness, security/  
safeguards, engineering / technical support & safety assessment/quality verification  
TUCKER, H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Con-  
trol Desk) 4pp. 52973.157-52973.169

9003160335 Forwards response to weakness identified in Insp Repts 50-369/89-39 &  
50-370/89-39 which occurred during annual emergency exercise on 891207. Corrective  
actions training on command & control functions of shift supervisor provided  
TUCKER, H.B. Duke Power Co. 90/03/09. Document Control Branch (Document Con-  
trol Desk) 2pp. 53037.078-53037.079.

#### P. Operating license stage documents & correspondence

9002260250 Forwards E Beckjord 880929 request for CRGH review of proposed gener-  
ic ltr. in response to request during 900103 & 16 meetings w/NRC for NRC consider-  
ations made prior to issuance of Generic Ltr 89-10.  
MATTHEWS, D.B. Project Directorate II-3. 90/02/05. TUCKER, H.B. Duke Power Co.  
4pp. 52720.273-52720.316

9002220516 Forwards Amends 102 & 84 to Licenses NPF-9 & NPF-17, respectively &  
safety evaluation Amends change Tech Spec Table 3.3-4, "ESFAS Instrumentation  
Trip Setpoints" & Table 3.3-5, "ESF Response Times."  
HOOD, D. Project Directorate II-3. 90/02/10. TUCKER, H.B. Duke Power Co. 3pp.  
52705.208-52705.221.

9002220527 Amends 102 & 84 to Licenses NPF-9 & NPF-17, respectively, revising  
Tech Spec Table 3.3-4, "ESFAS Instrumentation Trip Setpoints" to correct & better  
define trip setpoint & allowable value & Table 3.3-5, "ESF Response Times."  
MATTHEWS, D.B. Project Directorate II-3. 90/02/10. 8pp. 52705.211-52705.218.

9002220533 Safety evaluation supporting Amends 102 & 84 to Licenses NPF-9 &  
NPF-17, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/10. 3pp.  
52705.219-52705.221.

9002260294 Forwards Amends 103 & 85 to Licenses NPF-9 & NPF-17, respectively &  
safety evaluation. Amend modifies Tech Specs 4.9.8.1 & 4.9.8.2 to reduce required  
RHR sys flow rate during refueling.  
HOOD, D. Project Directorate II-3. 90/02/14. TUCKER, H.B. Duke Power Co. 2pp.  
52747.346-52747.361.

9002260299 Amends 103 & 85 to Licenses NPF-9 & NPF-17, respectively. Amend  
modifies Tech Specs 4.9.8.1 & 4.9.8.2 to reduce required RHR sys flow rate during  
refueling & adds surveillance requirement to ensure that RCS temp maintained.  
MATTHEWS, D.B. Project Directorate II-3. 90/02/14. 10pp. 52747.348-52747.358.

9002260312 Safety evaluation supporting Amends 103 & 85 to Licenses NPF-9 &  
NPF-17, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/14. 3pp.  
52747.359-52747.361.

9002270044 Application for amends to Licenses NPF-9 & NPF-17, allowing option of  
using B&W recirculating steam generator kinetic sleeve qualification for 3/4-inch OD  
tube repair process described in Typical Rept BAW-2045(P)-A.  
TUCKER, H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Con-  
trol Desk) 10pp. 52749.225-52749.242.

9002270049 Proposed Tech Specs re B&W kinetic sleeving process for steam genera-  
tor tube repair.  
\* Duke Power Co. 90/02/15. 8pp. 52749.235-52749.242.



9003130033 Amends 891128 application for amends to Licenses NPF-9 & NPF-17, clarifying Tech Spec 6.2.3 re safety review group per 900212 discussions w/HRC Listed criteria replace that of previous submitter.  
TUCKER,H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Control Desk) 3pp 52991.322-52991.324

9002260071 Forwards proprietary response to NRC 850725 questions re VIPRE core thermal hydraulic section of Topical Report DFC-NE-3000 & Rev 2 to Pages 3-69.3-70.3-78 & 3-79 of report Enc's w/Inch'd (ref 10CFR2.790)  
TUCKER,H.B. Duke Power Co. 90/02/20. Document Control Branch (Document Control Desk) 2pp 52763.264-52763.265

9003020241 Forwards revised proprietary pages to DPC-NE-2004, "Core Thermal Hydraulic Methodology Using VIPRE-01," reflecting minor methodology changes made during review & approval process. Pages withheld.  
TUCKER,H.B. Duke Power Co. 90/02/22. Document Control Branch (Document Control Desk) 2pp 52816.205-52816.206

9003090328 Forwards semiannual radioactive effluent release report for Jul-Dec 1989 for McGuire Nuclear Station Units 1 & 2 & revised process control programs & offsite dose calculation manuals.  
TUCKER,H.B. Duke Power Co. 90/02/28. Document Control Branch (Document Control Desk) 4pp 52952.053-52953.142

9003090332 Rev 8 to "Process Control Program, McGuire Nuclear Station"  
EKECHUKWU,O.E., CARPENTER,C.R., MCCONNELL,T.L. Duke Power Co. 89/12/05 5pp 52952.088-52952.141

9003090348 Rev 26 to "Offsite Dose Calculation Manual McGuire Nuclear Station"  
BIRCH,M.L., MCCONNELL,T.L. Duke Power Co. 90/01/01 41pp 52952.351-52953.031

9003090361 Rev 28 to "Offsite Dose Calculation Manual, McGuire & Catawba Nuclear Stations."  
BIRCH,M.L. Duke Power Co. 90/01/01. 62pp 52953.081-52953.142

9003140290 Requests extension to respond to Generic Ltr 90-01 re participation in regulatory impact survey unit 900402 Util in process of completing questionnaires for all units.  
TUCKER,H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Control Desk) 1p 53018.341-53018.341

9003070294 Notification of 900313 meeting w/Util in Rockville, MD to discuss plans by Util to request Tech Spec change to increase allowable unidentified RCS leakage rate from 1 gpm to 3 gpm.  
HOOD,D.S. Project Directorate II-3. 90/03/02. MATTHEWS,D.B. Project Directorate II-3. 4pp 52887.317-52887.320

9003210341 "Reactor Containment Bldg Integrated Leak Rate Test Conducted 6/9/82-28"  
ROBERSON,P.W., NAZAR,M.K., SNYDER,J.E. Duke Power Co. 90/03/06 132pp 53098.193-53098.324

9003160348 Notification of 900320 meeting w/B&W & Util in Rockville, MD to discuss review status of B&W reload methods for plants  
HSLY, Reactor Systems Branch. 90/03/08. JONES,R.C. Reactor Systems Branch 2pp 53039.248-53039.249

9003220158 Forwards record of telcon re info from concerned individual concerning alleged drug use & sale at plant. Response to encl concerns requested within 45 days of receipt. Encl withheld.  
HERDT,A.R. Region 2, Ofc of the Director. 90/03/12. TUCKER,H.B. Duke Power Co. 3pp 53128.157-53128.159

9003210200 Forwards Amends 104 & 86 to Licenses NPF-9 & NPF-17, respectively & safety evaluation Amends revise Tech Specs 4.0.2 to be consistent w/model specified in Generic Ltr 89-14.  
HOOD,D. Project Directorate II-3. 90/03/13. TUCKER,H.B. Duke Power Co. 3pp 53111.343-53111.355

9003210204 Amends 104 & 86 to Licenses NPF-9 & NPF-17, respectively, revising Tech Specs 4.0.2 to be consistent w/model specified in Generic Ltr 89-14.  
MATTHEWS,D.B. Project Directorate II-3. 90/03/13. 7pp 53111.346-53111.352

9003210207 Safety evaluation supporting Amends 104 & 86 to Licenses NPF-9 & NPF-17, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/13. 3pp 53111.353-53111.355

9003230088 Forwards NPDES Permit NC0024392.  
TUCKER,H.B. Duke Power Co. 90/03/14. Document Control Branch (Document Control Desk) 2pp 53149.003-53149.040

9003230121 NPDES Permit NC0024392, issued to Duke Power Co.  
WILMS,R.P. North Carolina, State of. 90/01/19. 36pp 53149.005-53149.040

9003260036 Forwards Amends 105 & 87 to Licenses NPF-9 & NPF-17, respectively & safety evaluation Amends change Tech Spec by replacing values of cycle-specific parameter limits in core-related specs.  
HOOD,D. Project Directorate II-3. 90/03/15. TUCKER,H.B. Duke Power Co. 3pp 53148.302-53148.351

9003260038 Amends 105 & 87 to Licenses NPF-9 & NPF-17, respectively, changing Tech Specs table of content & deleting several obsolete footnotes.  
MATTHEWS,D.B. Project Directorate II-3. 90/03/15. 43pp 53148.305-53148.347

9003260040 Safety evaluation supporting Amends 105 & 87 to Licenses NPF-9 & NPF-17, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/15. 3pp 53148.348-53148.351

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp 53195.014-53195.069

## Q. Inspection reports, IE Bulletins & correspondence

9002280090 Forwards Insp Repts 50-369/89-42 & 50-370/89-42 on 891220-900122 violations noted but not cited.  
HERDT,A.R. Region 2, Ofc of the Director. 90/02/07. TUCKER,H.B. Duke Power Co. 3pp 52747.335-52747.345

9002260097 Insp Repts 50-369/89-42 & 50-370/89-42 on 891220-900122 violations noted. Major areas inspected plant operations safety verifications, valve testing, maintenance activities & followup on previous insp findings & event reports.  
VAN DOORN,P.K., COOPER,T., SHYMLOCK,M.B. Region 2, Ofc of the Director. 90/02/07. 8pp 52747.338-52747.345

9003090409 Forwards Insp Repts 50-369/90-02 & 50-370/90-02 on 900129-0202. No violations or deviations noted.  
JULIAN,C.A. Region 2, Ofc of the Director. 90/02/21. TUCKER,H.B. Duke Power Co. 3pp 52973.135-52973.148

9003090411 Insp Repts 50-369/90-02 & 50-370/90-02 on 900129-0202. No violations or deviations noted. Major areas inspected inservice insp program & Unit 1 insp plan, NDE procedures & independent exam verifications.  
NEWSOME,R.W., BLAKE,J.J. Region 2, Ofc of the Director. 90/02/15. 1pp 52973.138-52973.148

9003140258 Requests approval for use of ASME Code Case N-461, "Alternate Rules for Piping Calor Block Thickness." Code case will be incorporated into inservice insp programs at facilities.  
TUCKER,H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk) 3pp 53019.214-53019.216

9003140321 Ack receipt of 891222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-369/89-31 & 50-370/89-31. Event evaluated & corrective determined to be non-reportable.  
EBNETER,S.D. Region 2, Ofc of the Director. 90/02/22. TUCKER,H.B. Duke Power Co. 6pp 53001.286-53001.291

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp 52776.262-52776.360

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Soldered Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/26. Consolidated Edison Co. of New York, Inc. 89pp 52776.163-52776.261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/26. Consolidated Edison Co. of New York, Inc. 89pp 52844.001-52844.099

9003130141 Ack receipt of 900202 & 03 ltrs informing NRC of steps taken to correct violations noted in Insp Repts 50-369/89-38 & 50-370/89-38.  
COLLINS,D.M. Region 2, Ofc of the Director. 90/02/28. TUCKER,H.B. Duke Power Co. 2pp 52992.359-52992.360

9003120141 Comments on recommendations in SALP Repts 50-369/89-34 & 50-370/89-34 in functional areas of plant operations, emergency preparedness security/ safeguards, engineering/ technical support & safety assessment/ quality verification.  
TUCKER,H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Control Desk) 4pp 52973.157-52973.160

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp 52844.100-52844.199

9003140373 Informs that Util 900126 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," satisfactory.  
MATTHEWS,D.B. Project Directorate II-3. 90/03/05. TUCKER,H.B. Duke Power Co. 4pp 53000.316-53000.319

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mail." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 89pp 52997.001-52997.094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp 52997.095-52997.189

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp 52997.268-52997.018

9003010293 Suppl 2 to NRC Info Notice 89-058, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp 52844.199-52844.298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp 52963.096-52963.189

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp 52963.200-52963.299



050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount" c list encl  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09  
nsol dated Edison Co. of New York, Inc. 109pp 52963-300-52964-048

160335 Forwards response to weakness identified in Insp Repts 50-369/89-39 & 50-370/89-39 which occurred during annual emergency exercise on 891207. Corrective actions training on command & control functions of shift supervisor provided.  
TUCKER, H.B. Duke Power Co. 90/03/09 Document Control Branch (Document Control Desk). 2pp. 53037-078-53037-079.

080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Circulation Spray at PWR Facilities." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14 nsol dated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

270192 Forwards Insp Repts 50-369/90-03 & 50-370/90-03 on 900123-0223. Violations noted but not cited.  
TUCKER, H.B. Duke Power Co. 90/03/14 TUCKER, H.B. Duke Power Co. 53102-023-53102-040.

3270198 Insp Repts 50-369/90-03 & 50-370/90-03 on 900123-0223. No violations noted. Major areas inspected plant operations, safety verification, surveillance, engineering activities, facility maintenance & licensee self assessment.  
HOGG, R.N., COOPER, T., NINH, S. Region 2, Oic of the Director. 90/03/14 3p 53192-026-53192-040.

130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box #." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20 nsol dated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.

160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl.  
HARRINGTON, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22 Consol dated Edison Co. of New York, Inc. 91pp. 53168-057-53168-147.

160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valve to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22 nsol dated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23 nsol dated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

#### Radio operating reports & related correspondence

150227 "Personnel Exposure Monitoring Data for CY89." W/900301 ltr.  
TUCKER, H.B. Duke Power Co. 89/12/31. 3pp. 53027-350-53027-352.

230347 Forwards monthly operating reports for Jan 1990 & monthly operating status for Dec 1989 for McGuire Nuclear Station.  
TUCKER, H.B. Duke Power Co. 90/02/16 Document Control Branch (Document Control Desk). 1p. 52716-116-52716-127.

2230349 Monthly operating reports for Jan 1990 for McGuire Nuclear Station.  
LIAMIS, R.A. Duke Power Co. 90/01/31. 10pp. 52716-117-52716-126.

2230353 Monthly operating status reports for Dec 1989 for McGuire Nuclear Station.  
Duke Power Co. 89/12/31. 1p. 52716-127-52716-127.

190328 Forwards semiannual radioactive effluent release report for Jul-Dec 1989 for McGuire Nuclear Station Units 1 & 2 & revised process control programs & offsite calculation manuals.  
TUCKER, H.B. Duke Power Co. 90/02/28 Document Control Branch (Document Control Desk). 4pp. 52952-053-52953-142.

190331 "Semiannual Radioactive Effluent Release Report, McGuire Nuclear Station, Units 1 & 2, Jul-Dec 1989."  
TUCKER, H.B. Duke Power Co. 89/12/31. 31pp. 52952-057-52952-087.

200180 Forwards monthly operating reports for Feb 1990 & corrected Jan 1990 report McGuire Nuclear Station Units 1 & 2.  
TUCKER, H.B. Duke Power Co. 90/03/15 Document Control Branch (Document Control Desk). 1p. 53077-271-53077-282.

1200183 Monthly operating reports for Feb 1990 for McGuire Nuclear Station Units 1 & 2.  
LIAMIS, R.A. Duke Power Co. 90/02/28. 10pp. 53077-272-53077-281.

1200184 Corrected monthly operating report for Jan 1990 for McGuire Nuclear Station Units 1 & 2.  
Duke Power Co. 90/01/31. 1p. 53077-282-53077-282.

#### Portable occurrences, LERs & related correspondence

180368 Advises that LER 370/90-S01 re compensatory measures for standby shutdowns delayed until no later than 900328.  
CONNELL, T.L. Duke Power Co. 90/02/21 Document Control Branch (Document Control Desk). 2pp. 52910-343-52910-344.

#### During transcripts on non-antitrust matters

190521 Forwards transcript of 900131 meeting at Catawba plant re proposed civil penalty for violations involving inoperable auxiliary feedwater pump & civil penalty procedure for security violations.  
TUCKER, S.D. Region 2, Oic of the Director. 90/02/23 TUCKER, H.B. Duke Power Co. 52951-312-52952-050.

#### DOCKET 50-373 LASALLE COUNTY STATION, UNIT 1

##### F. Security, medical, emergency & fire protection plans

9003050033 Rev 3 to EPIP EP-EOP-18, "Communicator."  
CARSON, R.L. Commonwealth Edison Co. 89/11/29. 22pp. 52825-088-52825-089.

9003090302 Rev 6 to Procedure L2P-1370-2, "Handling Personnel Injuries." W/ revised index.  
Commonwealth Edison Co. 90/01/20. 32pp. 52951-281-52951-311.

9002220870 Forwards Safety Insp Repts 50-373/89-24 & 50-374/89-23 on 891116-900105. No violations noted.  
HARRINGTON, R.E. Region 3, Oic of the Director. 90/02/06 REED, C. Commonwealth Edison Co. 2pp. 52703-225-52703-236.

9002220875 Safety Insp Repts 50-373/89-24 & 50-374/89-23 on 891116-900105. No violations noted. Major areas inspected licensee protection program during outage, including organization mgmt controls & internal exposure controls.  
PAUL, R.A., KUNOWSKI, M.A., SCHUMACHER, M. Region 3, Oic of the Director. 90/02/05. 10pp. 52703-225-52703-236.

9003090071 Revised EPIPs, including Rev 4 to ED-4, Rev 7 to ED-19, Rev 3 to ED-21, Rev 5 to ED-24, Rev 5 to ED-30, Rev 2 to ED-31 & Rev 6 to ED-28.  
FERGUSON, B.S. Commonwealth Edison Co. 90/02/21. 87pp. 52950-190-52950-286.

9003210208 Revised summary of emergency plan manual.  
Commonwealth Edison Co. 90/03/06. 2pp. 53112-038-53112-039.

9003200014 Forwards Safety Insp Repts 50-373/90-02 & 50-374/90-02 on 900117-0228 & notice of violation.  
SHAFFER, W.D. Region 3, Oic of the Director. 90/03/09 REED, C. Commonwealth Edison Co. 2pp. 53077-223-53077-239.

9003200018 Safety Insp Repts 50-373/90-02 & 50-374/90-02 on 900117-0228. Violations noted. Major areas inspected licensee action on previously identified items, operational safety, security, surveillance/mgmt, LERs & followup of events.  
HINDS, J.M. Region 3, Oic of the Director. 90/03/08. 14pp. 53077-226-53077-239.

9003260130 Rev 7 to EPIP EG-2, "Use of Commonwealth Edison Co. & IDNS Monitoring Maps." W/six oversized drawings.  
MOLKEIR, A.J. Commonwealth Edison Co. 90/03/12. 9pp. 53189-161-53189-170.

##### P. Operating license stage documents & correspondence

9003210353 "Reactor Containment Bldg Integrated Leak Rate Test." W/ 900312 ltr.  
DIEDERICH, G.J. Commonwealth Edison Co. 89/12/23. 120pp. 53111-163-53111-282.

9002160171 Identifies licensees requesting delays in submitting individual plant exam results.  
TAYLOR, J.M. Oic of the Executive Director for Operations. SECY-90-039. 90/02/07. 4pp. 53046-355-53046-358.

9002260038 Forwards status summary of implementation of each USI, including info provided by util in response to Generic Ltr 89-21, status summary for each USI applicable to facility & NRC data base printout for plant Record copy.  
SHEMANSKI, P.C. Project Directorate III-2. 90/02/13. Project Directorate III-2. 46pp. 52816-058-52816-104.

9002270432 Forwards SER concluding that BWR Owners Group proposed functional criteria for post-accident neutron flux monitoring as alternative to Category 1 instrumentation, per Reg Guide 1.97, unacceptable.  
SIEGEL, B.L. Project Directorate III-2. 90/02/14. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52756-145-52756-156.

9002260559 Suppls 890731, 0015, 1030 & 1215 responses re employees notifying NRC of potential safety issues. Labor settlement agreements for util personnel did not reveal any restrictive clauses that would hinder employees from notifying NRC.  
RICHTER, M.H. Commonwealth Edison Co. 90/02/16. Project Directorate III-2. 2pp. 52753-307-52753-308.

9003090074 Application for amendments to Licenses NPF-11 & NPF-18, revising Tech Specs to conform w/ diesel generator test schedule recommendations given in Generic Ltr 84-15.  
MORGAN, W.E. Commonwealth Edison Co. 90/02/26 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52972-022-52972-082.

9003090079 Proposed Tech Specs revising Section 3/4-8 in conformance w/ diesel generator test schedule recommendation in Generic Ltr 84-15.  
Commonwealth Edison Co. 90/02/26. 60pp. 52972-023-52972-082.

9003080138 Requests add info on licensee application for amend under Generic Ltr 87-09. Amend based on assumption that remedial measures provide sufficient level of protection to permit operational mode changes & safe long-term operation.  
PULSIFER, R.M. Project Directorate III-2. 90/02/27. KOVACH, T.J. Commonwealth Edison Co. 4pp. 52908-358-52908-361.

9003080147 Informs of organizational changes within Div of Reactor Projects, Project Directorate III-2. Change reassigned project managers to listed facilities.  
CRAIG, J.W. Project Directorate III-2. 90/02/27. KOVACH, T.J. Commonwealth Edison Co. 6pp. 52894-028-52894-033.

9003150008 Forwards supplemental response to Generic Ltr 89-21 re implementation of USI A-11, "Reactor Vessel Head Toughness." GE report re upper shell energy analysis for belline mills encl.  
MORGAN, W.E. Commonwealth Edison Co. 90/03/05 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 53032-252-53032-254.

9003190245 Advises that 900129 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," acceptable.  
PULSIFER, R.M. Project Directorate III-2. 90/03/08. KOVACH, T.J. Commonwealth Edison Co. 3pp. 53051-003-53051-005.

## 184 DOCKETED ITEMS

**9003230087** Forwards corrected Tech Spec page to 881129 application for amend to Licenses NPF-11 & NPF-16, removing specific load profiles for each dc battery MORGAN, W.E. Commonwealth Edison Co. 90/03/15 Document: Control Branch (Document Control Desk) 1p 53146 001-53146 002

**-9003230089** Corrected Tech Spec page to 881129 application for amend to Licenses NPF-11 & NPF-16, removing specific load profiles for each dc battery  
\* Commonwealth Edison Co. 90/03/15 1p 53146 002-53146 002

**9003140089** Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of state position in Generic Ltr 83-28, Item 2.2, Part 2. "Vendor Interface for Safety-Related Components" Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 5pp. 53195 014-53195 063

### Q. Inspection reports, IE Bulletins & correspondence

**9002220670** Forwards Safety Insp Repts 50-373/89-24 & 50-374/63-23 on 891116-900105 No violations noted.  
GREGGER, L.R. Region 3, OIC of the Director 90/02/06 REED, C. Commonwealth Edison Co. 2pp 52703 225-52703 236

**-9002220675** Safety Insp Repts 50-373/89-24 & 50-374/89-23 on 891116 900105 No violations noted. Major areas inspected: licensee protection program during outage including organization, shift controls & internal exposure controls.  
PAUL, R.A., KUNOWSKI, M.A., SCHUMACHER, M. Region 3, OIC of the Director 90/02/05 10pp 52703-227-52703 236

**9002220303** Responds to NRC 900110 ltr re violations noted in Insp Repts 50-373/63-23 & 50-374/89-22 Corrective actions ltr from station manager to all dept heads was issued on 891218, discuss on personnel performance issues.  
KOVACH, T.J. Commonwealth Edison Co. 90/02/09 DAVIS, A.B. Region 3, OIC of the Director 10pp 52721 003-52721 012

**9003020007** Responds to concerns noted in Insp Repts 50-456/83-24, 50-457/84-24, 50-454/88-15, 50-455/88-14, 50-249/88-20, 50-249/88-23, 50-374/89-22, 50-254/88-22, 50-265/88-22, 50-295/88-17 & 50-304/88-17.  
KOVACH, T.J. Commonwealth Edison Co. 90/02/15 DAVIS, A.B. Region 3, OIC of the Director 2pp 52798 248-52798 249

**9002160093** NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 9pp 52776 262-52776 263

**9003160047** Forwards "LaSalle County Station Unit 1 Third Refueling Outage ASME Section XI Summary Rept." for Feb 1989 inservice insps performed. Conditions observed & corrective measures taken also contained in rep.  
DIEDERICH, G.J. Commonwealth Edison Co. 90/02/26 DAVIS, A.B. Region 3, OIC of the Director 1p 53049 137-53049 176

**-9003160051** "LaSalle County Station Unit 1 Third Refueling Outage ASME Section XI Summary Rept."  
\* Commonwealth Edison Co. 90/02/26 3pp 53049 138-53049 176

**9002230283** NRC Info Notice 90-011, "Main Deficiency Associated W/ Science-Operated Valves" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 8pp 52776 163-52776 261

**9002230379** NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/20 Consolidated Edison Co. of New York, Inc. 8pp 52844 001-52844 093

**9003050175** Partial response to FOIA request for records App W records encl & available in PDR.  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/01 PEPPERMAN, D.R. Bachelor & Co. 2pp 52793 297-52794 103

**-9009160653** Forwards response to IE Bulletin 78-10, "Bergen-Paterson Hydraulic Shock Suppressor Accumulator Spring Coils" No Bergen-Paterson submersible installed at Dresden, Zion, LaSalle County, Byron or Braidwood facilities.  
REED, C. Commonwealth Edison Co. 78/09/05 KEPPLER, J.G. Region III, IE (720101-610228) 10pp 52784 104-52784 113

**9003150284** Inform of planned special ALARA appraisal at facility during wk of 900422. Requests that info identified in encl be provided to Region III by 900410.  
NORELUS, C.E. Region 3, OIC of the Director 90/03/02 REED, C. Commonwealth Edison Co. 8pp 53025 188-53025 185

**9002270399** NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 8pp 52844 100-52844 198

**9002280081** NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals" Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06 Consolidated Edison Co. of New York, Inc. 8pp 52997 001-52997 084

**9003010172** NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States" Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 9pp 52997 085-52997 189

**9003010227** NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 9pp 52987 288-52988 018

**9003010263** Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 10pp 52844 199-52844 298

**9003020211** NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 10pp 52963 086-52963 159

**9003050043** NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 10pp 52963 203-52963 293

**9003050148** NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 10pp 52963 330-52963 046

**9003200014** Forwards Safety Insp Repts 50-373/90-02 & 50-374/90-02 on 900117-9228 & notice of violation.  
SHAFFER, W.D. Region 3, OIC of the Director 90/03/09 REED, C. Commonwealth Edison Co. 2pp 53077 223-53077 239

**-9003200015** Notice of violation from insp on 900117-9228 Violation noted on 900208, Unit 2 reached 23" power w/air bypass valves inoperable & on 900208 & 09, MCPH valve not increased, as required.  
SHAFFER, W.D. Region 3, OIC of the Director 90/03/09 1p 53077 225-53077 225

**-9003200018** Safety Insp Repts 50-373/90-02 & 50-374/90-02 on 900117-9228 Violations noted. Major areas inspected: licensee action on previously identified items, operational safety, security, surveillance, maintenance, LERs & followup on events.  
HINDS, J.M. Region 3, OIC of the Director 90/03/09 14pp 53077 226-53077 231

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 9pp 52997 190-52997 287

**9003130012** NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Block" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 8pp 53035 129-53035 226

**9003160224** NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 9pp 53166 057-53166 147

**9003160306** NRC Info Notice 90-021, "Potential Failure of Motor-Operated Bulky Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 10pp 53132 001-53132 101

**9003190349** NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Resonant Transmitter Trip Units" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 10pp 53165 087-53165 105

### R. Periodic operating reports & related correspondence

**9003090141** Effluent & Waste Disposal Semianual Rept for Jan-Dec 1989 "W/900221 Ltr."  
\* Commonwealth Edison Co. 89/12/31 27pp 52967 165-52967 191

**9003050102** Monthly operating repts for Jan 1990 for LaSalle County Nuclear Power Station Units 1 & 2, W/900210 Ltr.  
THUNSTEDT, J.W., DIEDERICH, G.J. Commonwealth Edison Co. 90/01/31 22pp 52823 030-52823 051

**9003140316** Monthly operating repts for Jan 1990 for LaSalle County Nuclear Power Station Units 1 & 2, W/900210 Ltr.  
THUNSTEDT, J.W., DIEDERICH, G.J. Commonwealth Edison Co. 90/01/31 24pp 53019 132-53019 155

**9003090471** Forwards occupational radiation exposure portions of plant operating repts for 1989.  
RESCEK, F. Commonwealth Edison Co. 80/02/20 DAVIS, A.B. Region 3, OIC of the Director 1p 52966 206-52966 218

**-9003090488** "Number of Personnel & Person-Hour by Work & Job Function for 1989" W/900221 Ltr.  
DIEDERICH, G.J. Commonwealth Edison Co. 89/12/31 DAVIS, A.B. Region 3, OIC of the Director 2pp 52966 213-52966 214

**9003180115** Monthly operating repts for Feb 1990 for LaSalle Units 1 & 2, W/900310 Ltr.  
THUNSTEDT, J.W., DIEDERICH, G.J. Commonwealth Edison Co. 90/02/26 26pp 53049 111-53049 136

### S. Reportable occurrences, LERs & related correspondence

**9002280213** LER 90-001-00 on 900122, RWCU sys received Div 1 leakage detection ambient temp high isolation signal, causing trips of RWCU pumps A & C, caused by broken thermocouple input lead. Lead wire reconnected & isolation reset W/900221 Ltr.  
KOLLOST, T., DIEDERICH, G.J. Commonwealth Edison Co. 90/02/21 4pp 52747 293-52747 288

**9003080256** LER 90-002-00 on 900129, after filling diesel generator 1A governor w/ oil generator started & declared inoperable. Caused by slow leak coming from compensation needle valve plug oil added & plug washer replaced W/900228 Ltr.  
SAMPSON, P., DIEDERICH, G.J. Commonwealth Edison Co. 90/02/28 6pp 52829 241-52829 246

**9003080087** LER 90-003-00 on 900201, RCIC received Div 2 isolation on RCIC high steam line flow. Caused by spurious high steam flow signal generated when steam/water mixture admitted to RCIC steam line. Isolation logic reset W/900302 Ltr.  
TENNYSON, M., DIEDERICH, G.J. Commonwealth Edison Co. 80/03/02 6pp 52895 355-52895 360

3220068 LER 90-004-00 on 900213 control room B HVAC intake radon monitor  
power causing auto-start of emergency make-up Train B caused by blown  
fuses replaced logic rvs for radon monitors will be installed W/900315  
ANDERSON, L.R. DIEDECH, G.J. Commonwealth Edison Co. 90/03/15 4pp  
3109 054-53109 057

# **NET 50-374 LASALLE COUNTY STATION, UNIT 2**

## **Security, medical, emergency & fire protection plans**

3500033 Rev 3 to EPIP EP-ECF-18, "Communicator"  
PERSON, R.L. Commonwealth Edison Co. 89/11/29 22pp 52025.000-52025.009

090302 Rev 6 to Procedure LEP-1370-2, "Handling Personnel Injuries" W/revise  
Commonwealth Edison Co. 90/01/20 32pp 52951.201-52951.311

0220870 Forwards Safety Insp Repts 50-373/89-24 & 50-374/89-23 on 891116  
0105 No violations noted  
REGGEL, R. Region 3, Ofc of the Director 90/02/06 REED, C. Commonwealth  
Edison Co. 2pp 52703.225-52703.236

0220875 Safety Insp Repts 50-373/89-24 & 50-374/89-23 on 891116-00105 No  
violations noted Major areas expected licensee protection program during  
major internal organization right controls & internal exposure controls  
ULF, R. Region 3, Ofc of the Director 90/02/05 16pp 52703.227-52703.246

050071 Revised EPIP, including Rev 4 to ED-4 Rev 7 to ED-19, Rev 3 to ED-  
Rev 5 to ED-24 Rev 5 to ED-33, Rev 2 to ED-51 & Rev 6 to ED-28  
FUGUSCH, B.S. Commonwealth Edison Co. 90/02/21 117pp 52951.190-52951.280

710208 Revised summary of emergency plan internal  
Commonwealth Edison Co. 90/03/04 2pp 53112.070-53112.079

000014 Forwards Safety Insp Repts 50-373/89-02 & 50-374/89-02 on 900117-  
38 & notice of violation  
AFER, W.D. Region 3, Ofc of the Director 90/03/09 REED, C. Commonwealth  
Edison Co. 2pp 53077.223-53077.230

3200018 Safety Insp Repts 50-373/89-02 & 50-374/89-02 on 900117-3228 via  
re noted Major areas expected licensee action on previously identified  
operational safety, security, surveillance/maintenance & off-site of events  
JES, J.M. Region 3, Ofc of the Director 90/03/09 14pp 53077.226-53077.239

260130 Rev 7 to EPIP ECF-1 Use of Commonwealth Edison Co. & DNS Monitor  
Maps W/fix oversize drawings  
KEE, R.A.J. Commonwealth Edison Co. 90/03/12 9pp 53109.161-53109.170

## **Operating license stage documents & correspondence**

160171 Identifies licensees requesting delays in submitting individual plant exam  
re  
RICH, J.M. Ofc of the Executive Director for Operations SECY-90-033 90/02/07  
53045.355-53045.358

260038 Forwards status summary of implementation of each USI, including info  
received by USI in response to Generic Ltr 89-21 status summary for each USI app  
to facility & NRC data base per unit for plant record copy  
FRANKS, R.C. Project Directorate III-2 90/02/13 Project Directorate III-2 46pp  
52756.145-52756.154

270432 Forwards SER concluding that BWR Owners Group proposed functional  
trial for post-accident monitoring for monitoring as alternative to Category 1  
implementation per Reg Guide 1.97 unacceptable  
SEL, B.L. Project Directorate III-2 90/02/14 KOVACH, T.J. Commonwealth Edison  
3pp 52756.145-52756.158

260559 Supp's 890731, 0915, 1039 & 1215 responses to employee notifying NRC  
potential safety issues Labor settlement agreements for unit personnel did not  
allow any restrictive clauses that would hinder employees from notifying NRC  
HETER, M.H. Commonwealth Edison Co. 90/02/15 Project Directorate III-2 2pp  
53307.52753.308

900074 Application for amendments to Licenses NPF-11 & NPF-18, removing Tech Specs  
conform w/ diesel generator lost schedule recommendations given in Generic Ltr  
15  
MORGAN, W.E. Commonwealth Edison Co. 90/02/26 MURLEY, T.E. Office of Nuclear  
Regulation, Director (Post 870411) 1p 52872.022-52872.022

090079 Proposed Tech Specs revising Section 3/4-B in conformance w/ diesel  
generator lost schedule recommendation in Generic Ltr 84-15  
Commonwealth Edison Co. 90/02/26 60pp 52872.023-52872.082

090138 Request addl info on licensee application for amend under Generic Ltr 87-  
amend based on assumption that remedial measures provide sufficient level of  
action to permit operational mode changes & safe long-term operation  
SFER, R.M. Project Directorate III-2 90/02/27 KOVACH, T.J. Commonwealth  
Edison Co. 4pp 52908.358-52908.361

090147 Inform of organizational changes within Div of Reactor Projects, Project Di-  
rectate III-2 Change reassigned project managers to listed facilities  
MIG, J.W. Project Directorate III-2 90/02/27 KOVACH, T.J. Commonwealth Edison  
5pp 52894.029-52894.033

00008 Forwards supplemental response to Generic Ltr 89-13, "Svc Water Sys Prob-  
affecting Safety-Related Equipment," acceptable  
SFER, R.M. Project Directorate III-2 90/03/08 KOVACH, T.J. Commonwealth  
Edison Co. 3pp 53051.003-53051.005

9003230087 Forwards corrected Tech Spec page to 881129 application for amend to Licenses  
NPF-11 & NPF-18, removing specific load profiles for each dc battery  
MORGAN, W.E. Commonwealth Edison Co. 90/03/15 Document Control Branch  
(Document Control Desk) 1p 53146.001-53146.002

--9003230089 Corrected Tech Spec page to 881129 application for amend to Licenses  
NPF-11 & NPF-18, removing specific load profiles for each dc battery  
Commonwealth Edison Co. 90/03/15 1p 53146.002-53146.002

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation  
of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related  
Components" Svc list encl  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated  
Edison Co. of New York, Inc. 55pp 53195.014-53195.069

## **O. Inspection reports, IE Bulletins & correspondence**

9002220870 Forwards Safety Insp Repts 50-373/89-24 & 50-374/89-23 on 891116-  
00105 No violations noted  
REGGEL, R. Region 3, Ofc of the Director 90/02/06 REED, C. Commonwealth  
Edison Co. 2pp 52703.225-52703.236

--9002220875 Safety Insp Repts 50-373/89-24 & 50-374/89-23 on 891116-00105 No  
violations noted Major areas expected licensee protection program during  
major internal organization right controls & internal exposure controls  
PAUL, R.A. KUNOWSKI, M.A. SCHUMACHER, M. Region 3, Ofc of the Director 90/  
02/05 10pp 52703.227-52703.236

9002260303 Responds to NRC 900119 ltr re violations noted in Insp Repts 50-373/89-  
23 & 50-374/89-22 Corrective actions in from stat on manager to all dept heads was  
issued on 891218, discussing personnel performance issues  
KOVACH, T.J. Commonwealth Edison Co. 90/02/09 DAVIS, A.B. Region 3, Ofc of the  
Director 2pp 52721.003-52721.012

9003020007 Responds to concerns noted in Insp Repts 50-456/88-24, 50-457/88-  
24, 50-454/88-15, 50-455/88-14, 50-237/88-26, 50-249/88-21, 50-373/88-23, 50-374/88-  
22, 50-254/88-22, 50-265/88-22, 50-295/88-17 & 50-304/88-17  
KOVACH, T.J. Commonwealth Edison Co. 90/02/15 DAVIS, A.B. Region 3, Ofc of the  
Director 2pp 52726.200-52726.209

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-  
cend 103" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23  
Consolidated Edison Co. of New York, Inc. 9pp 52776.262-52776.269

9002230203 NRC Info Notice 90-011, "Maint De'gency Associated W/ Solenoid Oper-  
ated Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28  
Consolidated Edison Co. of New York, Inc. 9pp 52776.183-52776.261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communi-  
cations" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28  
Consolidated Edison Co. of New York, Inc. 9pp 52844.001-52844.009

9003050175 Partial response to FOIA request for records App W records encl & avail-  
able in PDR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post  
890205) 90/03/01 PEPPELMAN, D.H. Brocher & Collins 2pp 52793.237-52793.103

--8009160053 Forwards response to E Bulletin 78-10, "Bergen-Paterson Hydraulic  
Stroke Suppressor Accumulator Spring Coils" No Bergen-Paterson scrubbers installed  
at Dresden, Zion, LaSalle County, Byron or Broadwood facilities  
REED, C. Region III, E (720101-  
U02289) 10pp 52784.104-52784.113

9003160284 Inform of planned special ALARA appraisal at facility during wk of  
930422 Requests that info identified in encl be provided to Reg on III by 930410  
NCRELIUS, C.E. Region 3, Ofc of the Director 90/03/02 REED, C. Commonwealth  
Edison Co. 8pp 53025.189-53025.195

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards  
Event Logs" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05  
Consolidated Edison Co. of New York, Inc. 9pp 52844.100-52844.188

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mail" Svc  
list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/06 Consolidated Edison Co. of New York, Inc. 88pp 52997.001-52997.094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Rad-  
iation Control Directors Before Beginning Work in Agreement States" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52897.095-52897.189

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule"  
Svc list encl  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post  
870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52844.109-52844.188

9003010293 Suppl 2 to NRC Info Notice 89-050, "Suppliers of Potentially Misrepresent-  
ed Fasteners" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07  
Consolidated Edison Co. of New York, Inc. 100pp 52844.109-52844.288

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-  
Vulcan Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08  
Consolidated Edison Co. of New York, Inc. 104pp 52863.096-52863.189

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/03 Consolidated Edison Co. of New York, Inc. 100pp 52963 200 52963 299

9003105148 NRC Bulletin 90-001, "Loss of Full-Range Transmitters Mfg by Rosemount" Svc list encl ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp 52963 300 52964 346

9003200014 Forwards Safety Insp Repts 50-373/90-02 & 50-374/90-02 on 900117-0228 & notice of violation SHAFFER, W.D. Region 3, OIC of the Director. 90/03/09 REEOC Commonwealth Edison Co. 2pp 53077 223 53077 239

9003200015 Notice of violation from nsp on 900117-0228 violation noted on 900208 Unit 2 reached 23% power w/ bypass valves inoperable & on 900208 & 09 MCFR valve not increased as required SHAFFER, W.D. Region 3, OIC of the Director. 90/03/09. 1p 53077 225 53077 225

9003200018 Safety Insp Repts 50-373/90-02 & 50-374/90-02 on 900117-0228 Violations noted Major areas inspected licensee action on previously identified items: operations, safety, security, surveillance, maintenance, LERs & followup of events HINDS, J.M. Region 3, OIC of the Director. 90/03/09. 14pp 53077 226 53077 239.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vent for Containment Recirculation Spray at PWR Facilities" Svc list encl ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp 52937 190 52937 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bcw" Svc list encl ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 99pp 52935 129 53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators" Svc list encl CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53168 057 53168 147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132 001 53132 100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units" Svc list encl ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp 53165 007 53165 108

#### R. Periodic operating reports & related correspondence

9003090141 "Effluent & Waste Disposal Semi-annual Rept for Jul-Dec 1989" W/900220 ltr \* Commonwealth Edison Co. 89/12/31. 27pp 52967 165 52967 191.

9003050102 Monthly operating repts for Jan 1990 for LaSalle County Nuclear Power Station Units 1 & 2 W/900210 ltr THUNSTEDT, J.W., DIEDERICH, G.J. Commonwealth Edison Co. 90/01/31. 22pp. 52923 020 52923 051.

9003140316 Monthly operating repts for Jan 1990 for LaSalle County Nuclear Power Station Units 1 & 2 W/900210 ltr THUNSTEDT, J.W., DIEDERICH, G.J. Commonwealth Edison Co. 90/01/31. 24pp 53019 132 53019 155.

9003090471 Forwards occupational radiation exposure portions of plant operating repts for 1989. RESCEK, F. Commonwealth Edison Co. 90/02/20. DAVIS, A.B. Region 3, OIC of the Director. 1p. 52956 206 52956 216

9003090486 "Number of Personnel & Person-Hour by Work & Job Function for 1989" W/900221 ltr DIEDERICH, G.J. Commonwealth Edison Co. 89/12/31. DAVIS, A.B. Region 3, OIC of the Director. 2pp. 52966 213 52966 214

9003160115 Monthly operating repts for Feb 1990 for LaSalle Units 1 & 2 W/900310 ltr THUNSTEDT, J.W., DIEDERICH, G.J. Commonwealth Edison Co. 90/02/28. 26pp 53049 111 53049 136

#### S. Reportable occurrences, LERs & related correspondence

9003060114 LER 80-013 01 on 89C907 Group 1 isolation received during performance of instrument. Surve lance LOS-MS-401 Caused by depressurization of main steam line low pressure switch. Surveillance revised to split into two parts W/900308 ltr DIEDERICH, G.J., CROWL, D. Commonwealth Edison Co. 90/02/16. 7pp 52845 024 52845 030

9003150291 LER 90-001-00 on 900206 full reactor scram occurred during instrument surveillance testing. Caused by actuation of APRM E trip circuitry. Shutdown margin revised & caution card placed on control room bench board W/900308 ltr DORWICK, K.C., DIEDERICH, G.J. Commonwealth Edison Co. 90/03/08. 6pp 52938 079 52938 084

9003160033 LER 90-002 00 on 900203 Operating Surveillance LOS-TG-W1 determined to have exceeded required testing interval per Tech Spec 3.4.7.10. Caused by personnel error. Personnel counseled & ref procedures will be revised W/900309 ltr CROWL, D., DIEDERICH, G.J. Commonwealth Edison Co. 90/03/09. 7pp 52998 099 52998 105

#### DOCKET 50-382 WATERFORD GENERATING STATION, UNIT 3

##### F. Security, medical, emergency & fire protection plans

9003080271 Forwards Final Radiological Emergency Preparedness Exercise Rept. Waterford 3 Steam Electric Station" of 890830 offsite exercise No deficiencies noted KWIATKOWSKI, D. Federal Emergency Management Agency 90/02/06. CO-35LEF Division of Radiation Protection & Emergency Preparedness (Post 870411) 3pp 52894 078 52894 136

9003080273 Final Radiological Emergency Preparedness Exercise Rept. Waterford 3 Steam Electric Plant" of 890830 exercise \* Federal Emergency Management Agency 90/01/12. 59pp 52894 078 52894 136

9003020014 Advises that 690410 changes to emergency plan acceptable COLLINS, S.J. Region 4, OIC of the Director. 90/02/23. DEWEASE, J.G. Louisiana Power & Light Co. 3pp 52799 311 52799 313.

9003060094 Advises that 690112 changes to emergency plan acceptable COLLINS, S.J. Region 4, OIC of the Director. 90/02/26. DEWEASE, J.G. Louisiana Power & Light Co. 3pp 52856 105 52856 107

9003090223 Revised EPIPs including Change 1 to Rev 14 to EP-001-010, EP-001-020 EP-001-030 & EP-001-040 & Rev 14 to EP-002-010, Rev 2 to EP-002-015 & Rev 15 to EP-002-100 W/900301 ltr \* Louisiana Power & Light Co. 90/03/01. 387pp 52964 263 52965 299

##### K. Utility Final Safety Analysis Report (FSAR) & amendments

9002270232 Forwards corrected Pages 9 2-21 & 9 2-22 of Rev 3 to FSAR, per EPI 24 ltr BURSKE, R.F. Louisiana Power & Light Co. 90/02/19. Document Control Branch (Document Control Desk). 5pp 52758 248 52758 252.

##### P. Operating license stage documents & correspondence

9002160007 Notification of 900222 meeting w/utl in Rockville, MD to discuss licensee response to NRC 890727 questions re HVAC Tech Specs WIGGINTON, D.L. Project Directorate IV (891001-900602) 90/02/06. HEEDON, F.J. Project Directorate IV (891001-900602). 4pp 52738 124 52738 127

9003140433 Notification of rescheduled 900222 meeting w/utl re control room ventilation design Meeting rescheduled to 900329 WIGGINTON, D.L. Project Directorate IV (891001-900602) 90/02/06. HEEDON, F.J. Project Directorate IV (891001-900602). 2pp 53331 325 53331 326

9003130373 Notification of 900313 meeting w/utl in Tall, LA re diesel generator start-up reduction program WIGGINTON, D.L. Project Directorate IV (891001-900602) 90/02/20. HEEDON, F.J. Project Directorate IV (891001-900602). 5pp 53015 057 53015 061.

9003120773 Forwards Amend 61 to License NPF-38 & safety evaluation Amend changes Tech Specs by revising Section 6 on operator qualification & training to reflect current 10CFR55 WIGGINTON, D.L. Project Directorate IV (891001-900602) 90/02/21. DEWEASE, J.G. Louisiana Power & Light Co. 3pp 52969 344 52969 360.

9003120780 Amend 61 to License NPF-38 changing Tech Specs by revising Section 6 on operator qualification & training to reflect current 10CFR55. HEEDON, F.J. Project Directorate IV (891001-900602) 90/02/21. 11pp 52969 347 52969 357.

9003120782 Safety evaluation supporting Amend 61 to License NPF-38 \* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/21. 2pp 52969 358 52969 360.

9003200141 Forwards NRC understanding of current status of unimplemented USFs for plant based on 891129 response to Generic Ltr 89-21, review of NRC records & discussions between utl staff & project manager. WIGGINTON, D.L. Project Directorate IV (891001-900602) 90/03/09. DEWEASE, J.G. Louisiana Power & Light Co. 3pp 53079 118 53079 121.

9003200007 Forwards questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey" Results not reflective of actual calendar yr. BURSKE, R.F. Louisiana Power & Light Co. 80/03/12. Document Control Branch (Document Control Desk). 11pp 53076 075 53076 085.

9003200037 Advises that utl intends to address steam generator overflow concerns (USF A-47) utilizing individual plant exam process per Generic Ltr 89-14 BURSKE, R.F. Louisiana Power & Light Co. 90/03/14. Document Control Branch (Document Control Desk). 9pp 53077 332 53077 340

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relocation of staff position in Generic Ltr 83-28, Item 2.2 Part 2, "Vendor Interface for Safety Related Components" Svc list encl PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp 53195 014 53195 069

##### Q. Inspection reports, IE Bulletins & correspondence

9002260053 Forwards "Third Refueling Inservice Insp Summary Rept for Waterford 3 Steam Electric Station Unit 1" BURSKE, R.F. Louisiana Power & Light Co. 90/02/13. Document Control Branch (Document Control Desk). 1p. 52740 218 52741 073

9002260056 Third Refueling Inservice Insp Summary Rept for Waterford Steam Electric Station Unit 3 \* FAPAH, C.E. HOWARD, J.E. Louisiana Power & Light Co. 90/02/09. 213pp 52740 220 52741 073

Forwards Insp Rept 50-382/90-03 on 900129-0202 No violations noted.  
Region 4, Ofc of the Director 90/02/13 DEWEASE,J.G. Louisiana  
Co 3pp 52719 269-52719.276.

Insp Rept 50-382/90-03 on 900129-0202 No violations noted. Major  
and licensee actions on previously identified Insp findings  
BARNES,J. Region 4, Ofc of the Director 90/02/09. 5pp 52719 272-  
52719.276.

Receipt of 900102 ltr informing NRC of steps taken to correct violations  
Rept 50-382/89-29.

Region 4, Ofc of the Director 90/02/13 Louisiana Power & Light Co  
3pp 52721.035.

Receipt of 900102 ltr in response to notice of violation dtd 891019.  
Region 4, Ofc of the Director 90/02/14 DEWEASE,J.G. Louisiana  
Co 3pp 52758 253-52758 259.

Response to violations noted in Insp Rept 50-382/89-41. Corrective  
and independent verification requirements remain activities performed  
Louisiana Power & Light Co 90/02/21 Document Control Branch (Doc-  
ument Control Desk). 3pp 52791-111-52791-113.

Forwards payment for order imposing civil monetary penalty in response to  
Action EA-89-069.

Louisiana Power & Light Co 90/02/22 Document Control Branch (Doc-  
ument Control Desk) 1p 52779 197-52779 197.

Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-  
service Encl  
Division of Operational Events Assessment (Post 870411) 90/02/23  
Edison Co of New York, Inc. 9pp 52776 262-52776 360.

Forwards Insp Rept 50-382/90-01 on 900101-31 & notice of violation  
Region 4, Ofc of the Director 90/02/23 DEWEASE,J.G. Louisiana  
Co 4pp 52999-013-52999-034.

Notice of violation from Insp on 900101-31. Violation noted on 900116 &  
reactor on duty as shift supervisor, while reactor in Mode 1, w/o monitoring  
condition since 890323.  
Ofc of the Director 90/02/23 1p 52999-017-52999-017.

Insp Rept 50-382/90-01 on 900101-31 Violation noted. Major areas  
of status, on-site followup of events, monthly maintenance/surveillance  
operational safety verification & LER & 10CFR rept followup  
N.D. Region 4, Ofc of the Director 90/02/20. 17pp. 52999-018-  
52999-018.

Info Notice 90-011, "Main Deficiency Associated W/ Solenoid Oper-  
ation." Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/02/28  
Edison Co of New York, Inc. 9pp 52776 183-52776 261.

Info Notice 90-012, "Monitoring or Interruption of Plant Communi-  
cation." Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/02/28  
Edison Co of New York, Inc. 9pp 52844 001-52844-009.

Receipt of 900222 ltr & check for \$50,000 in payment for civil penalty  
NRC 900202 order. Corrective actions will be examined during future Insp.  
Ofc of Enforcement (Post 870413). 90/03/02. DEWEASE,J.G. Louisi-  
ana Power & Light Co. 1p 52910-352-52910-352.

Info Notice 90-013, "Importance of Review & Analysis of Safeguards  
System." Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/03/05  
Edison Co of New York, Inc. 9pp 52844 100-52844-108.

Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc  
list encl  
Division of Industrial & Medical Nuclear Safety (Post 870729)  
Consolidated Edison Co. of New York, Inc. 8pp 52997 001-52997 094.

Info Notice 90-015, "Reciprocity/Notification of Agreement State Radi-  
ation Before Beginning Work in Agreement States." Svc list encl  
Division of Industrial & Medical Nuclear Safety (Post 870729)  
Consolidated Edison Co. of New York, Inc. 9pp 52997 095-52997 189.

Info Notice 90-016, "Compliance W/New Decommissioning Rule."  
Svc list encl  
Division of Low-Level Waste Management & Decommissioning (Post  
870307). Consolidated Edison Co. of New York, Inc. 91pp 52997 288-  
52997 288.

Pl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresent-  
ative." Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/03/07  
Edison Co of New York, Inc. 100pp 52844 199-52844 208.

Response to NRC Bulletin 88-011. Action 1 to re-insp of surge line to deter-  
mine distress or structural damage & advise that neither surge line nor  
valve suffered any discernible distress or structural damage  
Louisiana Power & Light Co 90/03/07 Document Control Branch (Doc-  
ument Control Desk) 2pp 53036 172-53036 173.

Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Cupus-  
s." Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/03/08  
Edison Co of New York, Inc. 104pp 52983 090-52983 109.

Receipt of 900130 ltr informing of steps taken to correct violations  
Repts 50-382/89-17 & 50-382/89-22.  
Region 4, Ofc of the Director 90/03/08 DEWEASE,J.G. Louisiana  
Co 3pp 53039 250-53039 253.

Forwards final SALP for Aug 1989 - Oct 1989, consisting of Initial SALP  
89-36 rev sheet, summary of 900125 meeting, list of attendees & ul-  
timate to Initial SALP rept  
Region 4, Ofc of the Director 90/03/08 DEWEASE,J.G. Louisiana  
Co 3pp 53077-025-53077-129.

-9003200201 Revised Initial SALP Rept 50-382/89-36 for Aug 1989 - Oct 1989 W/initial  
SALP rept rev sheet  
Region 4, Ofc of the Director 90/03/08 102pp 53077-028-53077-129.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief  
Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 299.

9003050148 NRC Bulletin 90-001, "Loss of Field in Transmitters Mfg by Rosemount."  
Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 109pp 52963 300-52963 048.

9003190215 Ack receipt of 900221 ltr informing NRC of actions taken to correct viola-  
tions noted in Insp Rept 50-382/89-41. Implementation of actions to be reviewed  
during future Insp.  
COLLINS,S.J. Region 4, Ofc of the Director 90/03/12 DEWEASE,J.G. Louisiana  
Power & Light Co. 3pp 53048 280-53048 285.

9003200007 Forwards questionnaire in response to Generic Ltr 90-01, "Request for Vol-  
untary Participation in NRC Regulatory Impact Survey." Results not reflective of par-  
ticular calendar yr  
BURSKI,R.F. Louisiana Power & Light Co 90/03/12 Document Control Branch (Doc-  
ument Control Desk) 11pp 53076 075-53076 085.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment  
Recirculation Spray at PWR Facilities." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc. 9pp 52997 190-52997 287.

9003270428 Ack receipt of 891214 ltr informing NRC of steps taken to correct violations  
noted in Insp Rept 50-382/89-32 informs that denial of violations not accepted & re-  
quests listed add info  
COLLINS,S.J. Region 4, Ofc of the Director 90/03/18 DEWEASE,J.G. Louisiana  
Power & Light Co 3pp 53164 019-53164 025.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box  
Flow." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/20.  
Consolidated Edison Co. of New York, Inc. 9pp 53035 129-53035 226.

9003260499 Forwards Insp Rept 50-382/90-04 on 900201-28 & notice of  
violation Violation cited due to licensee failure to promptly evaluate & implement  
corrective actions for post-market testing program weaknesses  
COLLINS,S.J. Region 4, Ofc of the Director 90/03/20. DEWEASE,J.G. Louisiana  
Power & Light Co 4pp 53156 087-53156 105.

-9003280503 Notice of violation from Insp on 900201-28. Violation noted. Procedure  
UNIT-5-012, Rev 1 not adequate to establish responsibility for repetitive tasks to be up-  
dated to reflect changes to licensee component data base  
Region 4, Ofc of the Director 90/03/20. 2pp 53156 091-53156 092.

-9003260507 Insp Rept 50-382/90-04 on 900201-28. Violations noted. Major areas  
inspected plant status, on-site followup of events, monthly maintenance, monthly  
surveillance observation, operational safety verification & LER followup.  
CHAMBERLAND, D. Region 4, Ofc of the Director 90/03/12. 13pp. 53156 083-  
53156 105.

9003270412 Responds to NRC 900208 ltr re violations noted in Investigation Rept 4-89.  
002 Corrective action proper sequence of Insp hold point placed in procedure under  
change implemented on 890425  
BURSKI,R.F. Louisiana Power & Light Co 90/03/21 Document Control Branch (Doc-  
ument Control Desk) 8pp 53191 262-53191 269.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Op-  
eration of Radiowave Incinerators." Svc list encl  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53166 057-53166 147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor Operated Butterfly  
Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/23.  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/23.  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/23.  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108.

## R. Periodic operating reports & related correspondence

9003090239 "Semiannual Radioactive Effluent Release Rept Jul-Dec 1989." W/900301  
lir  
BURSKI,R.F. Louisiana Power & Light Co. 89/12/31. 37pp 52926 202-52926 238.

9002260208 Monthly operating rept for Jan 1990 for Waterford 3 W/900215 lir  
CENTOLANZI,P. BURSKI,R.F. Louisiana Power & Light Co 90/01/31. 7pp  
52725 347-52725 353.

9003200217 Monthly operating rept for Feb 1990 for Waterford 3 W/900315 lir  
CENTOLANZI,P. BURSKI,R.F. Louisiana Power & Light Co. 90/02/28 7pp  
53070 049-53070 055.

9003120021 Forwards "Summary of Personnel Monitoring Finding 891231" & "Work &  
Job Function Exposure Tabulation - 1989 Rept"  
BURSKI,R.F. Louisiana Power & Light Co 90/03/01 Document Control Branch (Doc-  
ument Control Desk) 1p 52971 358-52971 360.

-9003120027 "Summary of Personnel Monitoring Finding 891231."  
BURSKI,R.F. Louisiana Power & Light Co 89/12/31. 1p 52971 359-52971 359.

-9003120029 "Work & Job Function Exposure Tabulation - 1989 Rept"  
BURSKI,R.F. Louisiana Power & Light Co 89/12/31. 1p 52971 360-52971 360.

## S. Reportable occurrences, LERs &amp; related correspondence

900306066 LER 89-021-00 on 891116 emergency diesel generator A declared inoperable when essential svcs chg'd A declared inoperable w/o verifying availability of off-site ac power. Caused by personnel error Supervisor counseled W/891218 ltr STARKEY, R.S., MCGAHA, J.R. Louisiana Power & Light Co. 89/12/18 4pp 52829 227-52829 230

9002160186 Part 21 rept re backup rings furnished in spare parts seal kits in 25 GPM 4 way valves as part of actuators made of incorrect material rings should be Viton & have been identified as Buna N. KNECHT, W.G. Anchor/Darling Valve Co. (subs of Anchor/Darling Industries, Inc.) 90/01/26 Ctr of Enforcement (Post 870413) 2pp 52896 049-52896 050

9003050183 Special Rept SR-90-002-00 on 900128 emergency diesel generator A declared inoperable to perform automatic synchronization test Caused by thick oil forming in low turndown lube oil pressure sensing device Device cleaned. MCGAHA, J.R. Louisiana Power & Light Co. 90/02/23 Document Control Branch (Document Control Desk) 4pp 52837 059-52837 062

## V. Operator Examinations

9003120773 Forwards Amend 61 to License NPF-38 & safety evaluation Amend changes Tech Specs by revising Section 6 on operator qualification & training to reflect current 10CFR55. WGGINGTEND, L. Project Directorate IV (891001-900602) 90/02/21 DEWEASE, J.G. Louisiana Power & Light Co. 3pp 52969 344-52969 360

9003120760 Amend 61 to License NPF-38 changing Tech Specs by revising Section 6 on operator qualification & training to reflect current 10CFR55. HEEDON, F.J. Project Directorate IV (891001-900602) 90/02/21 11pp 52969 347-52969 357

9003120782 Safety evaluation supporting Amend 61 to License NPF-38. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/21 2pp 52969 358-52969 360

9003070139 Forwards exam results including answer keys grading results for facility & individual answer sheets for each examinee as result of written operating licensing exam administered on 900207 Results should be forwarded to examinees. CALLAHAN, J. Region 4, Ctr of the Director 90/02/26 FORCE, E.A. Arkansas Power & Light Co. ZELL, J.A. Wolf Creek Nuclear Operating Corp. 90pp 52888 268-52888 357

## DOCKET 50-387 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1

## F. Security, medical, emergency &amp; fire protection plans

9003090114 Revised EPIPs, including Rev 3 to EPIP-022 Rev 5 to EPIP-032 Rev 8 to EPIP-042 & Rev 9 to EPIP-009 W/900204 ltr TABOR, W.F. Pennsylvania Power & Light Co. 90/02/08 257pp 52946 025-52946 261

9003020200 Forwards final exercise rpt of 890222 exercise of off-site radiological emergency preparedness for plant deficiency identified in Bear Creek Borough re nonparticipation during exercise Correction exhibited at 890601 remedial exercise. BELLAMY, R.R. Region 1, Ctr of the Director 90/02/20 KEISER, H.W. Pennsylvania Power & Light Co. 2pp 52795 176-52795 344

9002060367 Forwards D Kwakowski 900112 ltr transmitting FEMA Region III rpt for 900222 exercise at plant W/enc. ERICKSON, R.A. Emergency Preparedness Branch 90/01/31 BELLAMY, R.R. Region 1, Ctr of the Director 1p 52795 177-52795 344

9003090048 Rev 13 to "Susquehanna Steam Electric Station Emergency Plan". Pennsylvania Power & Light Co. 90/02/28 45pp 52972 083-52972 128

9003260150 Forwards Rev 13 to "Susquehanna Steam Electric Station Emergency Plan." Changes to plan summarized. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/28 BUTLER, W.R. Project Directorate I-2 4pp 53156 194-53156 241

9003130029 Forwards list of ref mail to be provided to NRC by 900323 to support NRC insp of emergency operating procedures during wk of 900423 Insp w/1 establish if emergency procedures technically correct & can be implemented during emergency. GALLOR, M. Region 1, Ctr of the Director 90/03/01 KEISER, H.W. Pennsylvania Power & Light Co. 4pp 52995 041-52995 044

9003220082 Rev 12 to EPIP-EP-002, "Emergency Mgt Notifications" W/ 900302 ltr STANLEY, KEISER, H.W. Pennsylvania Power & Light Co. 90/03/02 51pp 53145 123-53145 173

9003140157 Advises that 891111 response to Generic Ltr 89-07 re contingency planning for surface vehicle bombs confirmed that procedure developed for short-term actions to protect against sabotage issue resolved for facilities. THADANI, M.C. Project Directorate I-2 90/03/06 BUTLER, W.R. Project Directorate I-2 2pp 53030 006-53030 007

## P. Operating license stage documents &amp; correspondence

9002270193 Forwards proprietary "Evaluation of GE NSSS for Compliance to IEEE 279-1971," showing that Class 1E non-Class 1E analog interfaces for safety-related svcs provided w/GE NSSS meet IEEE 279-1971 requirements Encls withheld (ref 10CFR2.790). KEISER, H.W. Pennsylvania Power & Light Co. 89/11/10 BUTLER, W.R. Project Directorate I-2 4pp 52749 303-52749 306

9002220349 Forwards rev to Relief Request 56 to inservice testing/insp program for pump & valve operational testing per Generic Ltr 89-04 for review & approval. Justification shows that design does not provide for infinite variation of pump flowrate. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/07 BUTLER, W.R. Project Directorate I-2 3pp 52714 184-52714 186

9002260500 Application for proposed Amends 128 & 80 to Licenses NPF-14 & NPF-22, respectively, extending allowable limiting condition for operation time penalty for pressure pool spray & cooling modes of RHR svc water & emergency svc water modes. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/12 BUTLER, W.R. Project Directorate I-2 7pp 52738 293-52738 309

9002260525 Proposed Tech Specs, temporarily extending allowable limiting condition for operation time penalty for pressure pool spray & cooling modes of RHR svc water & emergency svc water to allow for installation of RHR svc water mode. Pennsylvania Power & Light Co. 90/02/12 10pp 52738 303-52738 303

9002260423 Forwards monthly operating repts for Jan '90 for Susquehanna Unit 2 & ODCM. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/15 MCDONALD, W.G. NRC, No Detailed Affiliation Given 10 52725 061-52725 165

9002260431 "ODCM". Pennsylvania Power & Light Co. 89/12/11 94pp 52725 071-52725 165

9002270464 Advises that 891026 response to Generic Ltr 88-20 re final design exams describing approach & schedule acceptable NRC currently reviewing proposed evaluation method Schedule changes should be reported to NRC. THADANI, M.C. Project Directorate I-2 90/02/15 KEISER, H.W. Pennsylvania Power & Light Co. 3pp 52745 355-52745 357

9002260381 Notification of 900222 quarterly meeting w/utl in Rockville, MD. THADANI, M.C. Project Directorate I-2 90/02/16 MURLEY, T. NRC, No Detailed Affiliation Given MIRAGLIA, F. Associate Director for Inspection & Technical Assessment (Post 870411) 3pp 52990 210-52990 220

9002270388 Forwards "Technical Evaluation Rept on Response From Pennsylvania Power & Light Co. to Generic Ltr 88-01 re Susquehanna Steam Electric Station Unit 2." NRCs load/unload assessments may be taken every 8 hr instead of 4 hr per day. THADANI, M.C. Project Directorate I-2 90/02/16 KEISER, H.W. Pennsylvania Power & Light Co. 3pp 52749 073-52749 110

9002270393 Safety evaluation supporting utl responses to Generic Ltr 88-01 re Position on USNRC's BWR Automatic Shutdown System. Office of Nuclear Reactor Regulation, Director (Post 870411) 50/62/16 2pp 52749 016-52749 077

9011090198 Forwards "Technical Evaluation Rept on Response From Pennsylvania Power & Light Co. to Generic Ltr 88-01 re Susquehanna Steam Electric Station Unit 2." Final repts. LARKNER, A. Vining Systems International, NRC 89-07-028 60/10/31 POLK, C. Ctr of Nuclear Reactor Regulation, Director (Post 870411) 1p 52749 078-52749 110

9011090200 "Technical Evaluation Rept on Response From Pennsylvania Power & Light Co. to Generic Ltr 88-01 re Susquehanna Steam Electric Station Unit 2." Final repts. LARKNER, A. Vining Systems International, NRC 89-07-028 60/10/31 NRC, No Detailed Affiliation Given 3pp 52749 079-52749 110

9003010275 Forwards summary of position that increase in diesel generator output increases result of mechanical transfer process & peak firing pressures for each diesel generator. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/22 BUTLER, W.R. Project Directorate I-2 2pp 52791 145-52791 168

9003010366 "Piston Toggling Calculation". CLARK, H.R. Pennsylvania Power & Light Co. MDEA-026 90/02/16 21pp 52791 148-52791 168

9003090035 Response to Generic Ltr 89-13 "Svc Water Sys Problems Affecting Safety Related Equipment." Procedures being prepared to respect general plant intake at plant & ES&W & RHR svc water intake in spray pond. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/23 RUSSELL, W.T. Region 1, Ctr of the Director 6pp 52962 056-52962 061

9002280078 Notification of 900228 meeting w/utl in Rockville, MD to discuss diesel generator test results & mode. THADANI, M.C. Project Directorate I-2 90/02/26 MURLEY, T. NRC, No Detailed Affiliation Given 3pp 52779 228-52779 231

9003120063 Provides followup to recent telcon w/F Entawle re use of CONTAM code to perform severe & DBA analyses for primary containment Requests that NRC authorize Sandia to provide support & users manual on as-needed basis. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/28 BUTLER, W.R. Project Directorate I-2 4pp 52998 190-52998 193

9003120077 Advises that final rpt on work w/alternative CO2 testing w/1 be provided by 900416 due to complexity of analytical work. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/28 BUTLER, W.R. Project Directorate I-2 2pp 52999 204-52999 205

9003210085 Forwards application for amends to Licenses NPF-14 & NPF-22, consisting of proposed Amends 129 & 81, respectively, eliminating quick loading requirement during monthly testing. KEISER, H.W. Pennsylvania Power & Light Co. 90/03/16 BUTLER, W.R. Project Directorate I-2 7pp 53098 119-53098 159

9003210088 Application for amends to Licenses NPF-14 & NPF-22, eliminating quick loading requirement during monthly testing & incorporating prelubed & prewarmed diesel footnotes. KEISER, H.W. Pennsylvania Power & Light Co. 90/03/16 2pp 53098 126-53098 127

9003210090 Proposed Tech Specs, eliminating quick loading requirement during monthly testing & incorporating footnotes allowing diesel to be pre-lubed & prewarmed prior to surveillance testing. Pennsylvania Power & Light Co. 90/03/16 32pp 53098 128-53098 159

9003260458 Notification of 900322 meeting w/utl in Rockville, MD. THADANI, M.C. Project Directorate I-2 90/03/16 MURLEY, T. NRC, No Detailed Affiliation Given MIRAGLIA, F. Associate Director for Inspection & Technical Assessment (Post 870411) 3pp 53189 041-53189 043

Notification of canceled 900322 meeting w/utl in Rockville MD to discuss surveillance testing requirements  
M.C. Project Director 1-2 90/03/19. MURLEY, T., SNIEZEK, J.  
F. NRC - No Detailed Affiliation Given 2pp 53150 083-53150 084

Informants of utl participation in BWR Owners Group committee re development response to Generic Ltr 89-19  
W. Pennsylvania Power & Light Co 90/03/19 BUTLER, W.R. Project Director. 53199 018-53199 018.

Generic Ltr 90-03 to all power reactor licensees & applicants re reevaluation of Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Systems." Svc list encl.  
J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195 069

#### Reports, IE Bulletins & correspondence

Forwards rev to Relat Request 56 to inservice testing/insp program for valve operational testing, per Generic Ltr 89-04, for review & justification shows that design does not provide for infinite variation of pump  
W. Pennsylvania Power & Light Co 90/02/07. BUTLER, W.R. Project Director. 52714-184-52714 186

Ack receipt of 900122 ltr in response to NRC 891222 ltr re licensed operation program, per Insp Repts 50-387/89-80 & 50-388/89-80. Program up-assure that individuals that failed exams will be removed from shift  
W. Pennsylvania Power & Light Co 90/02/13. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52738 079-52738 083

NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776 282-52776 360

Forwards Insp Repts 50-387/90-05 & 50-388/90-05 on 900203-09 to 1 loss of shutdown cooling on 900203. No violations noted  
Region 1, Ofc of the Director. 90/02/28. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52889 344-52889 357

Insp Repts 50-387/90-05 & 50-388/90-05 on 900203-09. No violations in areas inspected/review of licensee actions in response to 900203 loss of shutdown cooling at Unit 1.  
BARBER, G.S., STAIR, J.R. Region 1, Ofc of the Director. 90/02/23. 9 348-52889 357

NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Oper." Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776 163-52776 261

NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communication." Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 8pp. 52844 001-52844 088.

Forwards list of ref mail to be provided to NRC by 900323 to support NRC emergency operating procedures during wk of 900423. Insp will establish if procedures technically correct & can be implemented during emergency.  
Region 1, Ofc of the Director. 90/03/01. KEISER, H.W. Pennsylvania Power & Light Co. 4pp. 52985 041-52985 044.

NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards." Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844 100-52844 198.

NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
HAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 8pp. 52997 001-52997 084.

Forwards Allegation Followup Insp Repts 50-387/90-02 & 50-388/90-02 on No violations noted.  
Region 1, Ofc of the Director. 90/03/08. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 53018 091-53018 100.

Insp Repts 50-387/90-02 & 50-388/90-02 on 900122-28. No violations in areas inspected/review of licensee maint program for molded-case circuit breakers re disassembly & adjustment of breaker trip units.  
K., ANDERSON, C.J. Region 1, Ofc of the Director. 90/03/08. 8pp. 53018 100

Forwards revised response to violations noted in Insp Repts 50-387/89-80 & 900122 request corrective action: Nuclear Training Procedure OAD to remove operator following failure of annual refueling exam  
W. Pennsylvania Power & Light Co 90/03/08. HODGES, M.W. Region 1, Director. 4pp. 53112-142-53112-145

NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiological Directors Before Beginning Work in Agreement States." Svc list encl.  
HAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 95pp. 52997 085-52997 189

NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
R.L. Division of Low-Level Waste Management & Decommissioning (Post 870307). Consolidated Edison Co. of New York, Inc. 91pp. 52997 288

Supply 2 to NRC Info Notice 89 059, "Suppliers of Potentially Misrepresentative." Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844 199-52844 298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vu can Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963 096-52963 199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963 203-52963 299.

9003050148 NRC Bulletin 90-001, "Loss of F.I.O.I. in Transmitters Mfg by Rosomount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963 300-52964 048

9003200436 Forwards Requalification Program Evaluation Repts 50-387/90-01OL & 50-388/90-01OL administered on 900122. Utl expected to complete remedial training for two reactor operators that failed exam.  
GALLO, R.M. Region 1, Ofc of the Director. 90/03/13. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 53089 289-53089 321.

9003200449 Requalification Program Evaluation Repts 50-387/90-01OL & 50-388/90-01OL on 900122-26 Exam results all senior reactor operator candidates passed exam. Eight out of ten reactor operator candidates passed exam.  
PULLAN, S., CONTE, R.J. Region 1, Ofc of the Director. 90/03/02. 31pp. 53089 201-53089 321.

9003080213 NRC Info Notice 90-010, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 88pp. 52997 190-52997 287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 9pp. 53035 129-53035 226

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Rawwater Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 81pp. 53166 057-53166 147

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132 100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosomount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 108.

#### R. Periodic operating reports & related correspondence

9003080483 "Semiannual Effluent & Waste Disposal Rept for Jul-Dec 1989." W/900301 ltr.  
WIDNER, T.E., SHANK, K.E., KEISER, H.W. Pennsylvania Power & Light Co. 88/12/31. MARTIN, T.T. Region 1, Ofc of the Director. 175pp. 52908 138-52908 313.

9003140405 "Annual Personnel Exposure Rept for CY89 for Susquehanna Steam Electric Station." W/900228 ltr.  
KEISER, H.W. Pennsylvania Power & Light Co. 89/12/31. BROOKS, B. Office of Nuclear Regulatory Research (Post 860720). 2pp. 53001 287-53001 288.

9003080486 "NPDES Discharge Monitoring Rept for Jan 1990." W/900301 ltr.  
FIELDS, J.S. Pennsylvania Power & Light Co. 90/01/31. 2pp. 52896 318-52896 321.

9002260423 Forwards monthly operating repts for Jan 1990 for Susquehanna Units 1 & 2 & ODCM.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/15. McDONALD, W.G. NRC - No Detailed Affiliation Given. 1p. 52725 061-52725 185.

9002260429 Monthly operating repts for Jan 1990 for Susquehanna Steam Electric Station Units 1 & 2.  
YOUNG, K.A. Pennsylvania Power & Light Co. 90/01/31. 9pp. 52725 062-52725 070.

9002260431 "ODCM"  
\* Pennsylvania Power & Light Co. 89/12/11. 84pp. 52725 071-52725 165.

9003090043 Forwards "NPDES Discharge Monitoring Rept for Jan 1990." One non-compliance noted.  
FIELDS, J.S. Pennsylvania Power & Light Co. 90/02/22. WILKES, J.J. Pennsylvania, Commonwealth of. 2pp. 52967 149-52967 164.

9003090049 "NPDES Discharge Monitoring Rept for Jan 1990"  
KAUFFMAN, J.T. Pennsylvania Power & Light Co. 90/01/31. 13pp. 52967 151-52967 164.

#### S. Reportable occurrences, LERs & related correspondence

9002260277 Summary of Operating Reactors Events Meeting 90-03 on 900207. List of attendees & viewpoints encl.  
BARANOWSKY, P.W. Events Assessment Branch. 90/02/12. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 18pp. 52726 293-52726 311.

9002220612 LER 90-002-00 on 900114. Identified that operation prohibited by Tech Specs 3.7.6 & 3.7.7 occurred when hourly roving fire watch rounds not completed as assigned. Caused by personnel error. Individuals discharged. W/900213 ltr.  
DAVIS, S.E., STANLEY, H.G. Pennsylvania Power & Light Co. 90/02/13. 4pp. 52712 297-52712 301.

9003020089 LER 90-004-00 on 850203 evaluation concluded that design bases for in-bored MSVs inconsistent w/ actual valve operating characteristics & realistic accident conditions. Condition not reportable W/90223 IIR  
RUSANOWSKY, P.P. STANLEY, H.G. Pennsylvania Power & Light Co. 90/02/23 6pp  
52829 143-52829 154

9003070108 LER 90-008-00 on 900202 discovered that containment high range pressure instruments not included in surveillance procedures. Caused by erroneous procedures instrument calibr & engineering work request reviewed W/900302 IIR  
LORD, H. STANLEY, H.G. Pennsylvania Power & Light Co. 90/03/02 5pp  
52845 272-52845 276

9003080034 LER 90-008-00 on 900203, unplanned ESP activation occurred when RWCU Sys containment vent valves automatically closed. Caused by failure of one of forty (0) in battery. Failed coil replaced W/90302 IIR  
CRIST, M.C. STANLEY, H.G. Pennsylvania Power & Light Co. 90/03/02 4pp  
52855 223-52855 226

9003080039 LER 90-008-00 on 900203 station alert declared when reactor coolant temp exceeded 263 F due to temporary loss of normal limited D-R. Caused by short circuit to ground in bus distribution panel. Circuit breakers tripped W/90302 IIR  
RUSANOWSKY, P.P. STANLEY, H.G. Pennsylvania Power & Light Co. 90/03/02 4pp  
52855 223-52855 226

9003140314 LER 90-003-00 on 900203 confirmed failed to sample reactor coolant for consistency with Tech Spec requirement. Cause by planned shutdown of RWCU Sys reactor coolant pump & results within limits W/90302 IIR  
RUSANOWSKY, P.P. STANLEY, H.G. Pennsylvania Power & Light Co. 90/03/02 4pp  
52855 223-52855 226

9003160279 Summary of Operating Reactors Events Meeting 9006 on 900307 to brief plant managers from NRC AECDO ACHS HEB & registrants on selected events that occurred since last meeting on 900224. List of attendees & relationship to event.  
RUSANOWSKY, P.P. STANLEY, H.G. Pennsylvania Power & Light Co. 90/03/07 4pp  
52855 223-52855 226

9003220265 LER 90-008-00 on 900214 during surveillance testing one of four reactor high pressure switches found inoperable. Caused by failure of pressure switch assembly. Defective instrument replaced W/90302 IIR  
RUSANOWSKY, P.P. STANLEY, H.G. Pennsylvania Power & Light Co. 90/03/14 4pp  
52855 223-52855 226

9003230219 LER 90-007-00 on 900215 H-HI stop valve failed to open during quarterly RWCU flow service alarm test. Caused by 1/2" ball valve, chamber pressure adjustment screws for RWCU stop valve, chamber pressure W/90302 IIR  
RUSANOWSKY, P.P. STANLEY, H.G. Pennsylvania Power & Light Co. 90/03/16 4pp  
52855 223-52855 226

#### V. Operator Examinations

9002260515 Acknowledgment of 900122 IIR in response to NRC 90122 IIR re: licensed operator requalification program. Re: Repts 90-067-90-01 & 90-068-90-01 Program approved. 1/13/90. All individuals that failed exams will be reexamined next shift.  
RUSANOWSKY, P.P. STANLEY, H.G. Pennsylvania Power & Light Co. 90/02/13 4pp  
52795 079-52795 080

9003200435 Forwarded Requalification Program Evaluation Repts 90-067-90-01 & 90-068-90-01, which stored on 900122. All expect to complete remedial training for two reactor operators that failed exam.  
GALLO, R.M. Region 1, Ofc of the Director 90/03/13 KEISER, H.W. Pennsylvania Power & Light Co. 90/03/13 52795 265-52795 266

9003200444 Requalification Program Evaluation Repts 90-067-90-01 & 90-068-90-01. On 900122-26 Exam results all senior reactor operator candidates passed exam. Exam out of 10 reactor operator candidates passed exam.  
GALLO, R.M. Region 1, Ofc of the Director 90/03/02 3pp 52795 241-52795 242

#### DOCKET 90-389 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2

##### F. Security, medical, emergency & fire protection plans

9003080114 Revised EPIPs including Rev 3 to EPIP-022, Rev 5 to EPIP-032, Rev 8 to EPIP-042 & Rev 9 to EPIP-009 W/900234 IIR  
TABOR, W.F. Pennsylvania Power & Light Co. 90/02/08 357pp 52946 025-52946 281

9003020203 Forwarded final exercise report of 850222 exercise of offsite radiological emergency preparedness for plant deficiency identified in Bear Creek Borough re nonparticipation during exercise. Correction exhibited at 890601 remedial exercise.  
BELLAMY, R.R. Region 1, Ofc of the Director 90/02/20 KEISER, H.W. Pennsylvania Power & Light Co. 2pp 52795 176-52795 144

9002060367 Forwarded D.K. Arkowski 900112 IIR transmittal FEMA Region II report for 900222 exercise at plant w/o oral ER CONFINA Emergency Preparedness Branch 90/01/31 BELLAMY, R.R. Region 1, Ofc of the Director 1p 52795 177-52795 144

9003090048 Rev 13 to "Susquehanna Steam Electric Station Emergency Plan"  
Pennsylvania Power & Light Co. 90/02/28 45pp 52972 093-52972 128

9003260150 Forwarded Rev 13 to "Susquehanna Steam Electric Station Emergency Plan" Changes to plan summarized.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/28 BUTLER, W.R. Project Directorate I-2 4pp 53156 194-53156 241

9003130029 Forwarded list of mail to be provided to NRC by 900323 to support NRC insps of emergency operating procedures during wk of 900423. Insp will establish if emergency procedures technically correct & can be implemented during emergency.  
GALLO, R.M. Region 1, Ofc of the Director 90/03/01 KEISER, H.W. Pennsylvania Power & Light Co. 4pp 52985 041-52985 044

9003230087 Rev 12 to EPIP EPIP-002, Emergency Mgt Notifications W/ 900302 IIR STANLEY, H.G. Pennsylvania Power & Light Co. 90/03/02 51pp  
53145 123-53145 173

9003140157 Advises that 01/89/1111 response to General LR 89-07 re emergency planning for surface vehicle bombs confirmed that procedure developed for station actions to protect against sabotage issue resolved for facilities.  
THADANI, M.C. Project Directorate I-2 90/03/06 BUTLER, W.R. Project Directorate I-2 2pp 53030 306-53030 007

##### P. Operating license stage documents & correspondence

9002270193 Forwarded proprietary "Evaluation of GE NSSS for Compliance to IEEE Std 1971," showing that Class 1E analog interfaces for safety related systems provided W/GE NSSS meet IEEE 279-1971 requirements. Ends with 10/02/92 7/90  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/10 BUTLER, W.R. Project Directorate I-2 4pp 52749 303-52749 306

9002260506 Application for proposed Amendment 178 & 53 to Licenses 14E-14-22 respectively, extending allowable limiting condition for operation time remaining pressure on spray & cooling modes of RH-HI low water & emergency spray modes.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/12 BUTLER, W.R. Project Directorate I-2 7pp 52798 204-52798 203

9002260525 Proposed Tech Specs temporarily extending allowable limiting condition for operation time remaining pressure on spray & cooling modes of RH-HI low water & emergency spray water to allow for maintenance of RH-HI low water spray.  
Pennsylvania Power & Light Co. 90/02/12 16pp 52798 204-52798 203

9002260423 Forwarded monthly operating report for Jan 1990 for the Pennsylvania Power & Light Co.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/15 MCCONALD, D.W. Region 1, Ofc of the Director 1p 52795 011-52795 165

9002260431 "COMPLIANCE"  
Pennsylvania Power & Light Co. 90/02/15 1p 52795 011-52795 165

9002270164 Advises that 01/89/1026 response to General LR 89-07 re emergency planning for surface vehicle bombs confirmed that procedure developed for station actions to protect against sabotage issue resolved for facilities.  
THADANI, M.C. Project Directorate I-2 90/02/15 BUTLER, W.R. Project Directorate I-2 2pp 52749 303-52749 007

9002260301 Forwarded 900202 quarterly meeting report to Brock, to MD THADANI, M.C. Project Directorate I-2 90/02/10 BUTLER, W.R. Project Directorate I-2 1p 52795 011-52795 165

9002270380 Forwarded "Technical Evaluation Report on Response" from Pennsylvania Power & Light Co. to General LR 89-01 re Susquehanna Steam Electric Station Unit 2. RCS leakage measurements may be taken every 4 hours at 24 locations.  
THADANI, M.C. Project Directorate I-2 90/02/15 KEISER, H.W. Pennsylvania Power & Light Co. 3pp 52749 071-52749 070

9002270393 Safety evaluation supporting responses to General LR 89-01, 90-02 Position on GSOC in BWI Austere Standards Meeting.  
Office of Nuclear Reactor Regulation, Licensee (Post 07/04/91) 90-02/16 100-52749 076-52749 077

90011090108 Forwarded "Technical Evaluation Report on Response" to General LR 89-01 Pertaining to Susquehanna Steam Electric Station Unit 2 final report.  
LAKNER, A. Viking Systems International, NRC 03-87-028 89/10/31 200-150-029 of Nuclear Reactor Regulation, Director (Post 8/24/11) 1p 52749 076-52749 077

90011093200 "Technical Evaluation Report on Response" from Pennsylvania Power & Light Co. to General LR 89-01 Pertaining to Susquehanna Steam Electric Station Unit 2 final report.  
LAKNER, A. Viking Systems International, NRC 03-87-028 89/10/31 200-150-029 of Nuclear Reactor Regulation, Director (Post 8/24/11) 1p 52749 076-52749 077

9003010275 Forwarded summary of position that be smear on diesel generator cylinder liners result of mechanical transfer process & peak firing pressures for each diesel generator.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/22 BUTLER, W.R. Project Directorate I-2 2pp 52791 145-52791 168

9003010366 "Piston Toggling Calculation"  
GLANK, H.R. Pennsylvania Power & Light Co. M-DEA 026 90/02/16 2pp 52791 148-52791 168

9003020064 "Susquehanna Steam Electric Station Unit 2 Cycle 4 Startup Test Summary" W/900222 IIR  
FORGIE, J.R. KEISER, H.W. Pennsylvania Power & Light Co. 90/02/22 RUSSELL, W.T. Region 1, Ofc of the Director 2pp 52890 312-52890 331

9003090035 Responds to General LR 89-13, "Sewer Water Sys Problems Affecting Safety Related Equipment." Procedures being prepared to inspect general plant area at plant & ESW & RH-HI sewer water intake at spray pond.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/23 RUSSELL, W.T. Region 1, Ofc of the Director 6pp 52662 056-52662 091

9002260078 Notification of 900228 meeting w/UT in Rockville, MD to discuss diesel generator test results & moss.  
THADANI, M.C. Project Directorate I-2 90/02/26 MURLEY, T. NRC - No Data as of 11/01/90 3pp 52779 228-52779 231

9003120083 Provides follow-up to recent telcon w/F Eltawia re use of CONTAIN code to perform severe & DSA analyses for primary containment. Requests that NRC allow Sandia to provide support & users manual on as needed basis.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/28 BUTLER, W.R. Project Directorate I-2 4pp 52999 180-52999 193

9003120072 Forwarded add info re Tech Spec changes to support Cycle 4 operator. NRC 891103 request Neutron flux noise data will be obtained near end of Cycle 4.  
KEISER, H.W. Pennsylvania Power & Light Co. 90/02/28 BUTLER, W.R. Project Directorate I-2 6pp 52973 149-52973 156



divides that final report on work w/ alternative CO2 testing will be provided to the complexity of analytical work.

Pennsylvania Power & Light Co. 90/02/28 BUTLER, W.R. Project Director. 52999 204-52999 205

Forwards application for amendments to Licenses NPF-14 & NPF-22, consisting of Amendments 129 & 81, respectively, eliminating quick loading requirement for testing.

Pennsylvania Power & Light Co. 90/03/16 BUTLER, W.R. Project Director. 53099 119-53099 159

Application for amendments to Licenses NPF-14 & NPF-22, eliminating quick loading requirement during ironing testing & incorporating preheated & prewarmed test.

Pennsylvania Power & Light Co. 90/03/16 2pp 53099 126-53099 127

Proposed Tech Spec. eliminating quick loading requirement during ironing & incorporating footnotes allowing deserts to be preheated & not to surveillance testing.

Pennsylvania Power & Light Co. 90/03/16 32pp 53099 128-53099 159

Application of 900322 meeting w/ all in Rockville, MD. C. Project Director. 12 90/03/16 MURLEY, T., SNEIZEK, J. NRC - No Detailed Allocation Given. Associate Director for Inspection & Technical. (Post 870411) 9pp 53189 041-53189 043

Application of 900322 meeting w/ all in Rockville, MD to discuss surveillance testing requirements.

C. Project Director. 12 90/03/16 MURLEY, T., SNEIZEK, J. NRC - No Detailed Allocation Given. 2pp 53150 093-53150 094

Forms of air participation in BWR Owners Group committee to develop response to General LR 89-19.

Pennsylvania Power & Light Co. 90/03/19 BUTLER, W.R. Project Director. 53199 016-53199 018

General LR 90-03 to all power reactor licensees & applicants to relaxation of ironing in General LR 89-28 item 2 Part 2, "Vendor Interface for Safety Reports." (Post 870411) 9/03/20 Consolidated Edison Co. of New York, Inc. 5pp 53195 014-53195 031

General LR 90-03 to all power reactor licensees & applicants to relaxation of ironing in General LR 89-28 item 2 Part 2, "Vendor Interface for Safety Reports." (Post 870411) 9/03/20 Consolidated Edison Co. of New York, Inc. 5pp 53195 014-53195 031

General LR 90-03 to all power reactor licensees & applicants to relaxation of ironing in General LR 89-28 item 2 Part 2, "Vendor Interface for Safety Reports." (Post 870411) 9/03/20 Consolidated Edison Co. of New York, Inc. 5pp 53195 014-53195 031

General LR 90-03 to all power reactor licensees & applicants to relaxation of ironing in General LR 89-28 item 2 Part 2, "Vendor Interface for Safety Reports." (Post 870411) 9/03/20 Consolidated Edison Co. of New York, Inc. 5pp 53195 014-53195 031

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General LR 90-03 to all power reactor licensees & applicants to relaxation of ironing in General LR 89-28 item 2 Part 2, "Vendor Interface for Safety Reports." (Post 870411) 9/03/20 Consolidated Edison Co. of New York, Inc. 5pp 53195 014-53195 031

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General LR 90-03 to all power reactor licensees & applicants to relaxation of ironing in General LR 89-28 item 2 Part 2, "Vendor Interface for Safety Reports." (Post 870411) 9/03/20 Consolidated Edison Co. of New York, Inc. 5pp 53195 014-53195 031

9003010172 NRC Info Notice 90 015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." (Post 870411) 9/03/07 Consolidated Edison Co. of New York, Inc. 9pp 52997 095-52997 189

9003010227 NRC Info Notice 90 016, "Compliance W/New Decommissioning Rule." (Post 870411) 9/03/07 Consolidated Edison Co. of New York, Inc. 9pp 52997 288-52997 018

9003010293 Suppl 2 to NRC Info Notice 89-059 "Suppliers of Potentially Misrepresented Fasteners." (Post 870411) 9/03/07 Consolidated Edison Co. of New York, Inc. 10pp 52844 199-52844 208

9003020211 NRC Info Notice 90 017, "Weight & Cir of Gravity Discrepancies for Copos-Vacuum Valves." (Post 870411) 9/03/08 Consolidated Edison Co. of New York, Inc. 10pp 52953 096-52953 199

9003050043 NRC Info Notice 90-019, "Potential Problems W/Control Safety Relief Valves Used on Diesel Generator Air Start Recovery Tanks." (Post 870411) 9/03/09 Consolidated Edison Co. of New York, Inc. 10pp 52963 200-52963 209

9003050146 NRC Info Notice 90-020, "Loss of Fr. On Transducers May by Misreading." (Post 870411) 9/03/09 Consolidated Edison Co. of New York, Inc. 10pp 52963 200-52963 209

9003200416 In: Forwards Requalification Program Evaluation Reports 90-08/790 910L & 90-08/790 910L. (Post 870411) 9/03/22 Consolidated Edison Co. of New York, Inc. 10pp 52963 200-52963 209

9003200449 Requalification Program Evaluation Reports 90-08/790 910L & 90-08/790 910L. (Post 870411) 9/03/22 Consolidated Edison Co. of New York, Inc. 10pp 52963 200-52963 209

9003060213 NRC Info Notice 90 019, "Potential Loss of Effective Vol for Clarifier Mud Recirculation Tray at PWR." (Post 870411) 9/03/14 Consolidated Edison Co. of New York, Inc. 8pp 52997 150-52997 207

9003130012 NRC Bulletin 90-007, "Loss of Thermal Margin Caused by Clarifier Mud Recirculation Tray at PWR." (Post 870411) 9/03/20 Consolidated Edison Co. of New York, Inc. 8pp 52997 150-52997 207

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Backdoor Inverters." (Post 870411) 9/03/22 Consolidated Edison Co. of New York, Inc. 9pp 53165 057-53165 147

9003160304 NRC Info Notice 90 021, "Potential Failure of Motor-Operated Battery Valves to Operate Because Valve Seat Friction Was Underestimated." (Post 870411) 9/03/22 Consolidated Edison Co. of New York, Inc. 10pp 53132 091-53132 100

9003190349 NRC Info Notice 90 022, "Unanticipated Equipment Actuations Following Regulation of Power to Hosemount Transmitter Trip Units." (Post 870411) 9/03/23 Consolidated Edison Co. of New York, Inc. 10pp 53165 007-53165 108

9003080483 "Semiannual Effluent & Waste Disposal Rpt for Jul-Dec 1989." W/900301 1tr WIDNER, T. E., SHANKS, K. E., KEISER, H. W. Pennsylvania Power & Light Co. 90/12/31 17pp 52909 139-52909 313

9003140405 "Annual Personnel Exposure Rpt for CY89 for Susquehanna Steam Electric Station." W/900226 1tr KEISER, H. W. Pennsylvania Power & Light Co. 90/12/31 BROOKS, B. Office of Nuclear Regulatory Research (Post 860720) 2pp 53001 297-53001 298

9003000466 "NPDES Discharge Monitoring Rpt for Jan 1990." W/900301 1tr FIELDS, J. S. Pennsylvania Power & Light Co. 90/01/31 2pp 52896 318-52896 321

9002260423 Forwards monthly operating reports for Jan 1990 for Susquehanna Units 1 & 2 & CDM. KEISER, H. W. Pennsylvania Power & Light Co. 90/02/15 MCDONALD, D. W. G. NRC - No Detailed Allocation Given. 1p 52725 061-52725 165

9002260429 Monthly operating reports for Jan 1990 for Susquehanna Steam Electric Station Units 1 & 2. YOUNG, K. A. Pennsylvania Power & Light Co. 90/01/31 9pp 52725 062-52725 070

9003000443 Forwards "NPDES Discharge Monitoring Rpt for Jan 1990." One noncompliance noted. FIELDS, J. S. Pennsylvania Power & Light Co. 90/02/22 WILKES, J. J. Pennsylvania, Commonwealth of. 2pp 52987 149-52987 164

9003090049 "NPDES Discharge Monitoring Rpt for Jan 1990." KAUFFMAN, J. T. Pennsylvania Power & Light Co. 90/01/31 13pp 52987 151-52987 164

9003090049 "NPDES Discharge Monitoring Rpt for Jan 1990." KAUFFMAN, J. T. Pennsylvania Power & Light Co. 90/01/31 13pp 52987 151-52987 164

9003090049 "NPDES Discharge Monitoring Rpt for Jan 1990." KAUFFMAN, J. T. Pennsylvania Power & Light Co. 90/01/31 13pp 52987 151-52987 164

## S. Reportable occurrences, LERs &amp; related correspondence

9003070116 LER 90-002-00 on 900206,urp'arned ESF actuation generator load reject & reactor scram occurred Caused by loose "states" link in differential current relay circuit of 500 KV switchyard circuit breaker Link replaced W/900302 ltr WEH-RY,R. STANLEY,H.G. Pennsylvania Power & Light Co 90/03/02 5pp 52895 041-52895 045

9003160279 Summary of Operating Reactors Events Meeting 90-06 on 900307 to brief senior managers from NRR,AEOD,ACRS,RES & regional offices on selected events that occurred since last meeting on 900228 List of attendees & related info encl. FISCHER,D.C. Events Assessment Branch 90/03/08 ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 18pp 53036 223-53036 240

9003230124 LER 90-001-00 on 900216,flow controller failed to provide stable flow control in automatic mode during quarterly HPCI flow surveillance test Caused by instability in control sys electro-hydraulic governor W/900316 ltr RYDER,T.S. STANLEY,H.G. Pennsylvania Power & Light Co 90/03/16 3pp 53144 083-53144 085

## V. Operator Examinations

9002260515 Ack receipt of 900122 ltr in response to NRC 891222 ltr re licensed operator requalification program per Insp Repts 50-387/89-80 & 50-389/89-80 Program updated to assure that individuals that failed exams will be removed from shift HODGES,M.W. Region 1, Ofc of the Director 90/02/13 KEISER,H.W. Pennsylvania Power & Light Co 2pp 52739 079-52739 083

9003200436 Forwards Requalification Program Evaluation Repts 50-387/90-01OL & 50-388/90-01OL administered on 900122 Util expected to complete remedial training for two reactor operators that failed exam GALLO,R.M. Region 1, Ofc of the Director 90/03/13 KEISER,H.W. Pennsylvania Power & Light Co 2pp 53069 289-53069 321

9003200449 Requalification Program Evaluation Repts 50-387/90-01OL & 50-389/90-01OL on 900122-28 Exam results at senior reactor operator candidates passed exam Eight out of ten reactor operator candidates passed exam PULLAN,S. CONTER,J. Region 1, Ofc of the Director 90/03/02 31pp 53069 291-53069 321

## DOCKET 50-389 ST. LUCIE PLANT, UNIT 2

## F. Security, medical, emergency &amp; fire protection plans

9003260005 "Florida Power & Light Co St Lucie Power Plant 1990 Evaluated Exercise Scenario Package,900124" \* Florida Power & Light Co 90/01/24 289pp 53174 252-53175 180

9002270056 Forwards Rev 25 to physical security plan,Rev withheld (ref 10CFR2 79C(a)(3)) SAGER,D.A. Florida Power & Light Co 90/02/22 Document Control Branch (Document Control Desk) 2pp 52759 019-52759 019

9003080110 Notifies that followup actions completed on schedule & incorporated into Rev 25 to plant physical security plan,per NRC 890505 request SAGER,D.A. Florida Power & Light Co 90/02/26 Document Control Branch (Document Control Desk) 1p 52897 021-52897 021

9003070278 Summary of 900228 meeting w/with in Rockville,MD re safeguards issues Meeting also served as quarterly update replist of attendees encl NORRIS,J.A. Project Directorate II-2 90/03/02 Project Directorate II-2 3pp 52889 320-52889 322

9003150418 Forwards response to eight and 1 questions & licensing bases criteria to resolve station blackout issue Util currently has procedures to mitigate effects of hurricanes & tornados which meet or exceed NUMARC 87-00 guidelines SAGER,D.A. Florida Power & Light Co 90/03/07 Document Control Branch (Document Control Desk) 55pp 53024 328-53025 058

9003210138 Rev 17 to EPP 3100024E, "Natural Emergencies" HARRIS,K.N. Florida Power & Light Co 89/08/08 11pp 53025 014-53025 034

9003150436 Rev 16 to EPP 3100022E, "Classification of Emergencies" W/ 900307 ltr HARRIS,K.N. SAGER,D.A. Florida Power & Light Co 90/03/07 24pp 53020 226-53020 249

9003210023 Forwards Insp Repts 50-335/90-03 & 50-389/90-03 on 900205-09 No violations or deviations noted JULIAN,C.A. Ofc of the Director 90/03/07 GOLDBERG,J.H. Florida Power & Light Co 3pp 53099 334-53099 345

9003210025 Insp Repts 50-335/90-03 & 50-389/90-03 on 900205-09 No violations or deviations noted Major areas inspected fire protection HARRIS,J.R. Region 2, Ofc of the Director 90/03/07 9pp 53099 337-53099 345

## J. Insurance &amp; Indemnity Information

9003220222 Provides listing of property insurance programs ACOSTA,R.J. Florida Power & Light Co 90/03/13 Document Control Branch (Document Control Desk) 2pp 53123 148-53123 148

## P. Operating license stage documents &amp; correspondence

9002160171 Identifies licensees requesting delays in submitting individual plant exam results TAYLOR,J.M. Ofc of the Executive Director for Operations. SECY-80-039 90/02/07 4pp 53045 355-53045 358

9003080450 Application for amendments to Licenses DPR-67 & NPF-16, revising Tech Specs to determine control element assembly operability from at least once per 31 days to once per 92 days GOLDBERG,J.H. Florida Power & Light Co 90/02/12 Document Control Branch (Document Control Desk) 4pp 52894 063-52894 075

9003080453 Proposed Tech Specs re surveillance requirements for control element assemblies \* Florida Power & Light Co 90/02/12 9pp 52894 067-52894 075

9002280046 Advises that 900125 response to Generic Ltr 89-13 re svc water sys problems acceptable NORRIS,J.A. Project Directorate II-2 90/02/22 GOLDBERG,J.H. Florida Power & Light Co 2pp 52779 243-52779 244

9003080138 Forwards CEN-396 (L)-NP, "Verification of Acceptability of 1-Pin Burnup Limit of 60 MWD/KG for St Lucie Unit 2" SAGER,D.A. Florida Power & Light Co 90/02/26 Document Control Branch (Document Control Desk) 1p 52856 005-52856 095

9003080141 "Verification of Acceptability of 1-Pin Burnup Limit of 60 MWD/KG for St Lucie Unit 2" \* Combustion Engineering, Inc CEN-396 (L)-NP 89/11/30 90pp 52856 006-52856 095

9003080492 Provides add info re proposed license amendments re moderator temp coefficient surveillance requirements per 891026 & 900109 ltr cons SAGER,D.A. Florida Power & Light Co 90/02/26 Document Control Branch (Document Control Desk) 17pp 53047 001-53047 017

9003140395 Requests approval to use Code Casa N-468 at plants GOLDBERG,J.H. Florida Power & Light Co 90/02/27 Document Control Branch (Document Control Desk) 2pp 53001 292-53001 293

9003120461 Forwards details of anonymous Allegation Rll 90-A-0025 Revealed requested Encl withheld (ref 10CFR2 79C(a)(3)) REYES,L.A. Region 2, Ofc of the Director 90/02/28 GOLDBERG,J.H. Florida Power & Light Co 3pp 52968 160-52968 162

9003090155 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey" GOLDBERG,J.H. Florida Power & Light Co 90/03/01 Document Control Branch (Document Control Desk) 12pp 52950 045-52950 058

9003150418 Forwards response to eight and 1 questions & licensing bases criteria to resolve station blackout issue Util currently has procedures to mitigate effects of hurricanes & tornados which meet or exceed NUMARC 87-00 guidelines SAGER,D.A. Florida Power & Light Co 90/03/07 Document Control Branch (Document Control Desk) 55pp 53024 328-53025 058

9003210143 Rev 10 to Emergency Procedure 1-0030143, "Total Loss of ac Power" \* Florida Power & Light Co 90/03/07 18pp 53025 035-53025 058

9003160041 Forwards list representing assessment of USI implementation at plant Results of assessment presented to Commission at 800214 meeting NORRIS,J.A. Project Directorate II-2 90/03/08 GOLDBERG,J.H. Florida Power & Light Co 3pp 53080 037-53080 039

9003150484 Submits results of investigation of error detected in dose assessment during 900124 NRC evaluated exercise at plant. Operator error caused keyboard hangup requiring computer restart ACOSTA,R.J. Florida Power & Light Co 90/03/09 Document Control Branch (Document Control Desk) 7pp 53020 014-53020 020

9003260394 Forwards response to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47, 'Safety Implications of Control Sys in LWR Nuclear Power Plants' per 10CFR50 54(i) GOLDBERG,J.H. Florida Power & Light Co 90/03/19 Document Control Branch (Document Control Desk) 8pp 53149 123-53149 130

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety Related Components." Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co of New York, Inc 55pp 53195 014-53195 069

## Q. Inspection reports, IE Bulletins &amp; correspondence

9003200304 Forwards Requalification Exam Rept 50-335/OL-89-02 on 891113-27 Requalification program satisfactory PEEBLEST,A. Region 2, Ofc of the Director 90/01/24 WOODY,C.O. Florida Power & Light Co 2pp 53070 062-53070 232

9003200305 Requalification Exam Rept 50-335/OL-89-02 on 891113-27 Exam results at reactor operator candidates passed exam Three senior reactor operator candidates failed exams & seven passed Four crews rated as satisfactory CASTO,C.A. Region 2, Ofc of the Director 90/01/24 169pp 53070 064-53070 232

9002260301 Forwards Insp Repts 50-335/89-30 & 50-389/89-30 on 891212-900108 No violations or deviations noted SINKULE,M.V. Region 2, Ofc of the Director 90/02/07 GOLDBERG,J.H. Florida Power & Light Co 3pp 52748 001-52748 018

9002260307 Insp Repts 50-335/89-30 & 50-389/89-30 on 891212-900108 No violations or deviations noted Major areas inspected plant operations reviewed observations, surveillance observations & review of nonroutine events ELROD,S.A. SCOTT,M.A. CRLENJAK,R.V. Region 2, Ofc of the Director 90/02/07 14pp 52748 004-52748 016

9003080379 Summarizes 891222 meeting w/with in Reg II ofc to discuss findings documented in operator requalification Exam Rept 50-335/OL-89-02 Agenda, new reports & list of attendees encl EBNETER,S.D. Region 2, Ofc of the Director 90/02/20 GOLDBERG,J.H. Florida Power & Light Co 15pp 52958 277-52958 201

9003202142 Responds to violations noted in Insp Repts 50-335/89-29 & 50-389/89-29 Corrective actions until shifted responsibility for all Lim torque maint to one dept & counseled personnel in adherence to procedures GOLDBERG,J.H. Florida Power & Light Co 90/02/22 Document Control Branch (Document Control Desk) 3pp 52798 257-52798 259

080115 Responds to violations noted in Insp Repts 50-335/89-24 & 50-389/89-24. Corrective actions applicable procedures changed to clarify which spaces & blocks need to be completed on plant work order & CC supervisor counseled. GOLDBERG, J.H. Florida Power & Light Co. 90/02/22. Document Control Branch (Document Control Desk). 3pp. 52855-352-52855-354

160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inlet 600." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776-262-52776-360

230283 NRC Info Notice 90-011, "Maintenance Associated With Stacked Operator Valves." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-261

230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52844-031-52844-039

390155 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in Regulatory Impact Survey."  
GOLDBERG, J.H. Florida Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 12pp. 52950-045-52950-056

120487 Confirms Operational Safety Team Insp of plant during wks of 900423-27 & 11-11. Mails that need to be available for incident had in encl.  
ELROD, S.A. Region 2, Ofc of the Director. 90/03/01. GOLDBERG, J.H. Florida Power & Light Co. 90/03/01. 345-52971-350

700399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards of Logs." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-198

80081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mails." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-084

101272 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Plant Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189

10227 NRC Info Notice 90-016, "Compliance With Decommissioning Rule." Svc list encl.  
GART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 01pp. 52997-288-52997-288

10293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52044-198-52044-298

10023 Forwards Insp Repts 50-335/90-03 & 50-389/90-03 on 900205-09. No violations or deviations noted.  
AN, C.A. Region 2, Ofc of the Director. 90/03/07. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53099-334-53099-345

210025 Insp Repts 50-335/90-03 & 50-389/90-03 on 900205-09. No violations or deviations noted. Major areas inspected fire protection.  
RIS, J.R., CONLON, T.E. Region 2, Ofc of the Director. 90/03/07. 9pp. 53099-337-53099-345

10049 Forwards Insp Repts 50-335/90-04 & 50-389/90-04 on 900205-09. No violations or deviations noted.  
BLEST, A. Region 2, Ofc of the Director. 90/03/07. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53112-129-53112-137

210054 Insp Repts 50-335/90-04 & 50-389/90-04 on 900205-09. No violations or deviations noted. Major areas inspected design control & corrective action design control & plant support adequate as noted by stated demonstrations.  
JRE, R., THOMAS, M., JAFFE, F. Region 2, Ofc of the Director. 90/03/01. 6pp. 2-132-53112-137

20211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Coposable Valves." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-039-52963-109

10053 Forwards Insp Repts 50-335/90-05 & 50-389/90-05 on 900212-16. No violations or deviations noted.  
AN, C.A. Region 2, Ofc of the Director. 90/03/08. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53104-194-53104-206

210056 Insp Repts 50-335/90-05 & 50-389/90-05 on 900212-16. No violations or deviations noted. Major areas inspected: inservice insp, including observation of work activities & review of previous insp findings.  
EY, J.L., BLAKE, J.J. Region 2, Ofc of the Director. 90/03/08. 10pp. 53104-197-53104-206

0043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-299

0148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52963-300-52963-408

0334 Ack receipt of 900222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-335/89-24 & 50-389/89-24. Implementation of corrective actions will be examined during future insps.  
AN, C.A. Region 2, Ofc of the Director. 90/03/09. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53104-255-53104-257

9003220147 Ack receipt of 900222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-335/89-29 & 50-389/89-29. Response meets requirements of 10CFR20.1.

JULIAN, C.A. Region 2, Ofc of the Director. 90/03/12. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53126-154-53126-158

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287

9003210033 Forwards Insp Repts 50-335/90-02 & 50-369/90-02 on 900109-0212 & notice of violation.  
REYES, L.A. Region 2, Ofc of the Director. 90/03/14. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53093-253-53093-278

9003210038 Notice of violation from Insp on 900109-0212. Violation noted failure to implement Procedure CIP 2-0330124, Rev 31 & failure to establish or schedule preventive maintenance for 2G auxiliary feedwater pump governor.  
REYES, L.A. Region 2, Ofc of the Director. 90/03/14. 3pp. 53093-256-53093-256

9003210041 Insp Repts 50-335/90-02 & 50-369/90-02 on 900109-0212. Violations noted. Major areas inspected plant operators review, maintenance observations, surveillance observations, safety systems review of special reports & nonroutine events.  
ELROD, S.A., SCOTT, M.A., CRLENJAK, R.V. Region 2, Ofc of the Director. 90/03/14. 2pp. 53093-259-53093-278

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Blow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53165-057-53165-147

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108

## R. Periodic operating reports & related correspondence

9003080110 1989 Annual Operating Report for St Lucie Units 1 & 2 & Steam Generator Inservice Insp Report W/900227 ltr.  
SAGER, D.A. Florida Power & Light Co. 89/12/31. 83pp. 52853-001-52853-084

9003080363 Semiannual Radioactive Effluent Release Report for Jul-Dec 1989. W/900301 ltr.  
SAGER, D.A. Florida Power & Light Co. 89/12/31. 27pp. 52923-037-52923-123

9003160058 Recorded Annual Whole Body Exposure for CY89. W/900221 ltr.  
SAGER, D.A. Florida Power & Light Co. 89/12/31. 2pp. 53042-120-53042-121

9002260449 Monthly operating reports for Jan 1990 for St Lucie Units 1 & 2. W/900215 ltr.  
BONETT, D.M., SAGER, D.A. Florida Power & Light Co. 90/01/31. 10pp. 52738-334-52738-343

9003160318 Monthly operating reports for Feb 1990 for St Lucie Units 1 & 2. W/900307 ltr.  
BONETT, D.M., SAGER, D.A. Florida Power & Light Co. 90/02/28. 9pp. 53036-024-53036-032

## S. Reportable occurrences, LERs & related correspondence

9003080158 Special report on 900103, emergency diesel generator 2A experienced load control problems. Caused by loose connections in governor load sensor circuit. Loose connections tightened & replacement relay installed.  
SAGER, D.A. Florida Power & Light Co. 90/03/02. Document Control Branch (Document Control Desk). 2pp. 52973-131-52973-132

9003270083 NPDES noncompliance notification on 900212, fishkill observed in intake canal of plant. Caused by depletion of dissolved O2 in event of closure of 16 ft diameter ocean intake pipe, sluice gate will be gradually raised assuring adequate O2.  
SAGER, D.A. Florida Power & Light Co. 90/03/13. 3pp. 53164-186-53164-188

## U. Congressional/Executive Correspondence

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed. Apps A & B documents available in PDR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/28. WEBER, M.A. New York Newsday. 18pp. 52980-252-52980-284

9003120187 Forwards announcement that subcommittee of ACRS will hold technical meeting on plant. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/10/14. OTTINGER, R.L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-304-52990-304

### V. Operator Examinations

9003220304 Forwards Requalification Exam Rept 50-335/CL-89-02 on 691113-27 Re-  
calibration program satisfactory  
FEEBLESTA Region 2 C/O of the Director 90/01/24 WOODY.C.O Forwards Power  
A Lab Co Zep 51070 052-53070 232

-9003200339. Regulation Exam: Held 50-336/00-69 of on 03/11/27 Exam  
results of reactor operator and Jares passed exam Three senior reactor operators  
and Jares failed exam A seven passed Four crew rated as satisfactory  
CASTRO, CARL, FEEBLES, J.A. Region 1, Chief of the District 05/01/2 186.  
55670964 429707...

[illegible]

DUCKET 53.390 WATTS BAR NUCLEAR PLANT. UNIT

A. Application/construction stage documents & correspondence

9003070159 SAFETY EVALUATION REPORT ON TENNESSEE VALLEY AUTHORITY  
WATTI BAY NUCLEAR REACTOR PLANT  
AUGUST 1986 TVA Project Division #70004-0000; TMSG-4230 Vol. 5000100  
4455 526393041 526593101

9302140229 First dispatched response to General in RA 230800Z 222. Includes sub  
mitted by APO 870617. It was re-incorporated into corporate and the issuance of  
990731 Document at descent TFF vendor market control program  
RAY MC, Tennessee Valley Authority, 990731 Document Control Branch (R  
ment Control Desk 366 92737 054 52737 054)

9002270157 Forwarded from 9002270157 VA Nuclear Off. Plan, including all corrected & revised pages & changes made per 591063 meeting, various telecons & previous submissions. Plan was implemented by 590859  
H&M Tennessee Valley Authority 59102155 Document Control Branch (Document Control Desk) cpe 5275619452756313

-9602270367 For D's "IVA Regular OA Plan"  
KINGSLEY D. Tedderson Valley Authority 90106101 113pp 52756 203 52756 010

\* Tennessee Valley Authority, 9/30/23, Environmental Control Branch (Document Control Desk): 240 5451 165-5261

9003050306 Summary of 900207 meeting with n Rockwell MD re status & scheduling of various licensing issues for facility list of attendees & agenda enc.  
CORTELANDT TVA Projects Div. Doc. (850101-900502) 90/02/27 TVA Projects Division (850101-900602) 6pp 52837 075-52837 080

9003120592 Responds to SC Black 9003129 ltr requesting info re compliance w/ 10CFR26. JTB believes action necessary in interest of public safety & defense & under law  
KINGSLEY, O.O. Tennessee Valley Authority 90/03/02 TAYLOR J.M. Ofc of the Executive Director for Operations bop 52938 272 52980 277

9003190076 Summary of 9/02/15-16 meeting w/ LHA in Spring City, TN to discuss plans to resolve issue of damaged electrical cables in conduits. Meeting agenda & handwritten notes.

9003160217 Forwards Rev 1 to Topic Rep: TVA-NPOD89. Nuclear Power Organiza  
tion Description  
WALLACE E G Tennessee Valley Authority 90/03/09 Document Control Branch  
(Document Control Desk) 500 53039 161-55033 223

-9003160379 Rev 1 to Topical Rept TVA-NPOD99, "Nuclear Power Organization Description"  
 • Tennessee Valley Authority TVA-NPOD99 R01 60/03/01 57pp 53038.168  
 53039.222

9003180461 Notification of 900327 meeting w/all in Spring City,TN to discuss plan  
presian test program Agenda encl  
AULUCK,R TVA Projects Divison (890101-900602) 50/03/09 BLACK,S Assistant  
Director for Projects 3pp 53029 157.53333 160

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28 Item 2.2, Part 2, "Vendor Interface for Safety-Related Components" Svc list encl

PARTELOW, J.G. Associate Director for Projects (Post #70411) 90/03/20. Consolidated Edn Soc. of New York, Inc. 55pp. 1-800-371-0113 53195.969

#### F. Security, medical, emergency & fire protection plans

9002270423 Summarizes 900111 meeting w/all at plant site re Unit 1 security upgrade  
& interface w/Unit 2 const activities. Concerns raised re interim barrier  
proposal, intrusion detection, double barriers & design basis threat  
WILSON, B.A. Assistant Director for Inspection Programs. 90/02/01. KINGSLEY, O.D.  
Tennessee Valley Authority. App. 52756.000 52756.001

#### H. General correspondence

9003050329 Advises that prior notification of permanent changes to all organization senior managers no longer required Decision based on NRC acceptance of corporate performance plan, ref in SEA (Vol 1 to NUREG-1222)  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 990101-900602) 00  
02/26. KINGSLEY, O.D. Tennessee Valley Authority, Attn: 28225, 114-57825, 187

9003070148 Advises that EG Wallock, graduate of US Naval Academy & 20 yr veteran of nuclear power industry w/ extensive licensing experience named unit manager.

KINGSLEY, OD Torcross Valley Authority 90/02/27 CAUTCHFIELD NAC, No  
Detailed At: Jason Given 2pp 52889 110-52889 120

0003140372 Advances of non-legal changes PR Mandana resigned 980216 & was  
will remain vacant until replacement named EG Walsby submitted manager's report.  
Housing & equity affairs  
AGENCY: C.C. Thompson via U. Authority, 98-02747 (BUTCHER EDD. BULL.)  
Fraser: Project: H.V.V. & Special Projects (mail #37041) Zip 53002  
53000 Jax

(c). Inspection reports, IE Bulletins & correspondence.

9902220647 Advises that all will submit signed response to violation, Example 1 (b)(7)(C) (b)(7)(D) 50 39 2015 10 50 2015 10 13 By 9065 P  
MEDFORD, MA C. Towner c. Wray Authority 9902220647 Government Worker Email  
Document Control (ask) 301 227 00 205-5276330

y003980344 Forward Information: 5/6/97/29/25 & 5/6/97/26-27 on 891220 6000  
 notified at National Response Center should address letter to 455 JG previous reg  
 safety related equipment mandated per current regulations.  
 WILLSON B.A. Assistant Chief for Fire Inspection, 5602121 KANSAS CITY  
 Tennessee Valley Authority, JR. 52194A 2L 626034 2L

9-0003080346 "Letter of violation from shop on 09/12/2011 to violators for the established measures to ensure applicability for safety requirements" & design cases directly translated into design and documents.

WILSON is Assistant Director for Inspection Programs. 09/02/21 200 526342-526343-250

9003080419 Insp. Hops for 30178J23 & 30178J24 on 891220 SC0116. Year-round MA, areas 1 specimen monthly from 11 observations structural instabilities & lions, prestart test program & controlled events at reactor 14185  
WALTON G A, BRANCIANI M W, BUEHRIS S P Region 2, Div of the Director, 60027  
1600, 52914, 241, 2014, 206

900216G093 HRC Info Notice 60 G10. "Primary Water Stress Corrosion Cracking of  
coral GCR" Sustained  
CONSOLCO Division of Operational Events Assessment (Post 870413) 900220  
CONSOLIDATED ENTERPRISE OF NEW YORK, INC 9000 52776262 52776366

9002230203 NYC Info Notice 05-01, "Major Delinquency Associated W/ Solenoid Operated Valve" See list and:  
HOSE/CE Division of Operational Events Assignment (Post 873411) 90-0223  
(Consolidated Edison Co. of New York, Inc. 990p 52776 to 52776 26)

9002230379 NRC Info Note 90-012, "Monitoring or Interruption of Plant Communications." Second and  
 ROSS/CE Division of Operational Events Assessment (Post 870411) 90-0223  
 Consolidated Edison Co. of New York, Inc. (800) 528-4400/528-4409

9003140409 Controls 900302 follow up 900201 notice of violation Period for response  
to notice of violation extended until NHC takes action on 900212 request for rep.  
CRUTCHFIELD D. Associate Director for Spec. Act. Projects (Post 89011.900602) et  
01/02 KINGSEY C.D. Tennessee Valley Authority 2-d: 53990 278-53536 289

9002270399 NRC Inc Notice 90-013, "Importance of Review & Analysis of Safety and  
Event Logs - Site level only"  
ROSSICE Division of Operational Events Assessment (Post 870411) 90-03-05  
Consolidated Edison Co of New York Inc 99pp 52844-100 52844-108

9002280001 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials," 5/3/80, 1st edn.  
CUNN-NGHAM, H E Division of Industrial & Medical Nuclear Safety (Post: 870729)  
90/03/86 Consolidated Edison Co. of New York, Inc. 88pp 52997 001-52997 094

9003010172 NRC Info Notice 93-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc ltr: encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 87072) encl. 93/03/07 Consolidated Edison Co. of New York, Inc. 8500 52997 095-52997.169

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule"  
 Svc l st encl  
 BANGART, L Division of Low-Level Waste Management & Decommissioning (Pos  
 870413) 90/03/07 Consolidated Edison Co of New York, Inc. 91pp 52997.288  
 52998.018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
 ROSSICE Division of Operational Events Assessment (Post 870411). 90/03/07  
 Consolidated Edison Co. of New York Inc. 100pp. 52844:199-52844-299.

9003150312 Forwards redacted investigation Rept 2-88-015 & extends requested 30 day response time by addl 30 days from ltr date to allow review & response as appropriate per uill 900312 request

CRUTCHFIELD, D. Assistant Director for Special Projects (Post 890101-900602) 900312-0700 KINGSLEY, C.D. Tennessee Valley Authority, Reg. 530313-111-53033 112.

-9003150359 Redacted Investigation Rept 2-86-016 re alleged mail false statement by two senior TVA managers. Investigation determined that TVA general counsel intentionally misled NRC re TVA handling of Energy Reorganization Act complaints.

NORTON L.J. Ofc of Investigations (Post 880201). 88/04/14. 695pp. 63033113

57076 087.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Cooper  
Vulcan Valves" Svc 1st encl.  
ROSSI, C.E. Divison of Operational Events Assessment (Post 870411). 90/03/06  
Consolidated Edison Co. of New York Inc. 10400 52983 00A-52983-189.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc lsl encl.  
ROSSICE Division of Operational Events Assessment (Post 870441). 90/03/06  
Consolidated Edison Co. of New York, Inc. 5000 200 62087-200

NRC Bulletin 90-001, "Loss of Fire-CI in Transmitters Mfg by Rosemount '90  
Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 109pp. 52963-350-52964-048

Forwards NRC team insp plan outline for independent team insp on

Assistant Director for Projects 90/03/13. KINGSLEY, O.D. Tennessee Valley Authority 4pp. 53078-182-53079-187

NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Spray at PWR Facilities." Svc list encl.  
Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc. 96pp. 52997-180-52999-287

Discusses Insp Rept 50-390/89-260 on 09/08/25-10/6 & 10-27 & forwards  
action on violations re: to permanent requirements & elements to be included  
described in end note 26 of violation  
TVA Projects Division (890101-500602) 90/03/14. KINGSLEY, O.D. Tennessee Valley Authority 4pp. 53075-312-53076-317

Notice of violation from insp on 09/08/25-10/6 & 10-27. Violations  
accus used by contractors & inspectors for wiring pre-lubrication of a  
subject Wheelhouse spec not within the program  
TVA Projects Division (890101-500602) 90/03/14. 4pp. 53075-314

Rec receipt of 900207 letter informing NRC of steps taken to correct violation  
Insp Repts. 50-390/89-20 & 50-391/89-29 implementation of corrective  
to be examined during future insp.  
Assistant Director for Inspection Programs 90/03/14. KINGSLEY, O.D.  
Tennessee Valley Authority 2pp. 53132-230-53132-239

Forwards Rev 3 to "Vendor Info Corrective Action Program Plan"  
G. Tennessee Valley Authority 90/03/15. Document Control Branch  
(Document Control Desk) 2pp. 53147-052-53147-076

Rev 3 to "Vendor Info Corrective Action Program Plan"  
Tennessee Valley Authority 90/03/15. 2pp. 53147-054-53147-076

Provides revised corrective action plan intended to refine plan to accom-  
plish effective documentation of training by placing responsibility on supervisor/  
nuclear engineering  
G. Tennessee Valley Authority 90/03/16. Document Control Branch  
(Document Control Desk) 5pp. 53190-153-53190-157

NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box  
Sticking"  
Division of Operational Events Assessment (Post 870411) 90/03/20  
Consolidated Edison Co. of New York, Inc. 98pp. 53335-120-53335-226

NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Op-  
eration of Incinerators." Svc list encl.  
AMRFE, Division of Industrial & Medical Nuclear Safety (Post 870729)  
Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147

NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly  
Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100

NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following  
of Power to Rosemount Transmitter Trip Units." Svc list encl.  
Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108

## occurrences, LERs & related correspondence

Part 21 rept to defect in engineering documents developed by Sargent &  
Electric Re-review & correction for all identified errors in separation  
loop list & cable block diagrams underway & TVA notified  
V. Sargent & Lundy, Inc. 90/02/14. MURLEY, T.E. Office of Nuclear Re-  
sponse, Director (Post 870411). 4pp. 52713-216-52713-221

Initial deficiency rept re safety-related HVAC duct welding. Initially reported  
rept includes results of review of addl data sheets & functional & main-  
tenance Stop work orders issued.  
G. Tennessee Valley Authority 90/03/01. Document Control Branch  
(Document Control Desk) 7pp. 52845-120-52845-126

Initial deficiency rept re cables located below flood level not qualified for  
Initially reported on 891222. Const Spec G-40, "Installing Electrical Con-  
duits" will be revised to prohibit use of 10CFR50.49 cables.  
G. Tennessee Valley Authority 90/03/05. Document Control Branch  
(Document Control Desk) 5pp. 52847-166-52847-170

## 91 WATTS BAR NUCLEAR PLANT, UNIT 2

### /construction stage documents & correspondence

Provides updated response to Generic Ltr 83-28, Item 2.2.2. Guidelines sub-  
C 870211 ltr will be incorporated into corporate std for issuance by  
document will describe TVA vendor manual control program.  
Tennessee Valley Authority 90/02/07. Document Control Branch (Docu-  
ment Control Desk) 3pp. 52737-054-52737-058

Forwards Rev 0 to "TVA Nuclear QA Plan," including all corrected & re-  
visions & changes made per 891003 meeting, various telcons & previous  
revisions will be implemented by 900630.  
Tennessee Valley Authority 90/02/15. Document Control Branch (Document  
Control Desk) 2pp. 52756-198-52756-313

Rev 0 to "TVA Nuclear QA Plan."  
G. Tennessee Valley Authority 90/06/30. 113pp. 52756-200-52756-313

9003060205 Forwards OCDRA supplementary rept addressing open issues identified by  
890428 safety evaluation per 890803 ltr.  
Tennessee Valley Authority 90/02/23. Document Control Branch (Document Con-  
trol Desk) 77pp. 52851-165-52851-241

9003120692 Responds to SC Black 800129 ltr requesting info re compliance w/  
10CFR26 ltr believes action necessary in interest of public safety & defense under  
law.  
KINGSLEY, O.D. Tennessee Valley Authority 90/03/02. TAYLOR, J.M. Ofc of the Ex-  
ecutive Director for Operations 6pp. 52998-272-52998-277

9003160217 Forwards Rev 1 to Topical Rept TVA-NPCD89, "Nuclear Power Organiza-  
tion Description"  
WALLACE, E.G. Tennessee Valley Authority 90/03/09. Document Control Branch  
(Document Control Desk) 5pp. 53039-161-53039-223

9003160370 Rev 1 to Topical Rept TVA-NPCD89, "Nuclear Power Organization De-  
scription"  
Tennessee Valley Authority TVA-NPCD89 R01 90/03/01. 57pp. 53039-160-  
53039-223

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re violation  
of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-  
Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20. Consolidat-  
ed Edison Co. of New York, Inc. 55pp. 53195-014-53195-059

## F. Security, medical, emergency & fire protection plans

9002270423 Summarizes 900111 meeting w/utl at plant site re Unit 1 security upgrade  
& interface w/Unit 2 const. activities. Concerns raised re inform barrier  
proposals, intrusion detection, double barriers & design basis threat  
WILSON, B.A. Assistant Director for Inspection Programs 90/02/01. KINGSLEY, O.D.  
Tennessee Valley Authority 3pp. 52756-039-52756-041

## H. General correspondence

9003050329 Advises that prior notification of permanent changes to utl organization &  
senior managers no longer required Decision based on NRC acceptance of corporate  
performance plan, ref in SER (Vol. 1 to NUREG-1232)  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/  
02/28. KINGSLEY, O.D. Tennessee Valley Authority 4pp. 52825-164-52825-167

9003070148 Advises that EG Wallace, graduate of US Naval Academy & 20-yr veteran  
of nuclear power industry w/extensions to licensing experience, named utl manager allo-  
cated 900220.  
KINGSLEY, O.D. Tennessee Valley Authority 90/02/27. CRUTCHFIELD, D. NRC - No  
Detailed Affiliation Given 2pp. 52889-110-52889-120

9003140372 Advises of son or mgt changes PR Mandava resigned 900216 & position  
will remain vacant until replacement named. EG Wallace named manager for nuclear  
licensing & regulatory affairs  
KINGSLEY, O.D. Tennessee Valley Authority 90/02/27. CRUTCHFIELD, D. Division of  
Reactor Projects - III, IV, V & Special Projects (Post 870411) 2pp. 53300-299-  
53300-300

## Q. Inspection reports, IE Bulletins & correspondence

9002220647 Advises that utl will submit revised response to violation, Example 1 noted  
in Insp Repts 50-390/89-13 & 50-391/89-13 by 900309.  
MEDFORD, M.O. Tennessee Valley Authority 90/02/12. Document Control Branch  
(Document Control Desk) 3pp. 52703-299-52703-301

9003080344 Forwards Insp Repts 50-390/89-25 & 50-391/89-23 on 891220-900116 &  
notice of violation. Response should address actions to assure previously installed  
safety-related equipment installed per vendor requirements.  
WILSON, B.A. Assistant Director for Inspection Programs 90/02/21. KINGSLEY, O.D.  
Tennessee Valley Authority 3pp. 52894-226-52894-249

9003080349 Insp Repts 50-390/89-25 & 50-391/89-23 on 891220-900116. Violations  
noted. Major areas inspected monthly maint observations, structural installations, plant  
tours, prestart test program & nonroutine events at reactor facilities.  
WALTON, G.A., BRANCH, M.W., BURRIS, S.P. Region 2, Ofc of the Director. 90/02/21.  
18pp. 52894-231-52894-249

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-  
conel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23.  
Consolidated Edison Co. of New York, Inc. 89pp. 52776-262-52776-360

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Oper-  
ated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28.  
Consolidated Edison Co. of New York, Inc. 99pp. 52776-163-52776-261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communica-  
tions." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28.  
Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844-099

9003140400 Confirms 900302 telcon re 800201 notice of violation. Period for response  
to notice of violation extended until NRC takes action on 900212 request for repl  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 90/  
03/02. KINGSLEY, O.D. Tennessee Valley Authority 2pp. 53000-279-53000-280

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards  
Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05.  
Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/06 Consolidated Edison Co. of New York, Inc. 8ppp 52997.001-52997.094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/07 Consolidated Edison Co. of New York, Inc. 9ppp 52997.095-52997.189

9003010227 NRC Info Notice 90-016, "Compliance With Decommissioning Rule" Svc list encl  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 9ppp 52997.288-52997.018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100ppp 52844.199-52844.298

9003150312 Forwards redacted investigation Rept 2-86-015 & extends requested 30-day response time by addl 30 days from its date to allow review & response as appropriate per 900212 request  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602) 90/03/07 KINGSLEY, O.D. Tennessee Valley Authority 2pp 53033.111-53033.112

-9003150359 Redacted investigation Rept 2-86-015 re alleged mail false statement by two senior TVA managers investigation determined that TVA general counsel intentionally misled NRC re TVA handling of Energy Reorganization Act companies  
MORTON, L.J. Chief of Investigations (Post 880201) 88/04/14 695pp 53033.113-53033.687

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vucan Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104ppp 52963.036-52963.199

9003050043 NRC Info Notice 90-018, "Potential Problems With Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100ppp 52963.200-52963.299

9003050148 NRC Bulletin 90-031, "Loss of F101 in Transmitters Mfg by Rosemount" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 109ppp 52963.300-52963.048

9003020274 Forwards NRC team insp plan outline for independent team insp on 900402.06  
BLACK, S.C. Assistant Director for Projects 90/03/13 KINGSLEY, O.D. Tennessee Valley Authority 4pp 53078.182-53078.185

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at FWR Facilities" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 89ppp 52997.190-52997.287

9003210168 Ack receipt of 900207 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-390/89-20 & 50-331/69-20 implementation of unit corrective actions will be examined during future insps  
WILSON, B.A. Assistant Director for Inspection Programs 90/03/14 KINGSLEY, O.D. Tennessee Valley Authority 2pp 53132.238-53132.239

9003260117 Provides revised corrective action plan intended to refine plan to accomplish more effective documentation of training by placing responsibility on supervisor/manager in nuclear engineering  
MEDFORD, M.O. Tennessee Valley Authority 90/03/16 Document Control Branch (Document Control Desk) 5pp 53190.153-53190.157

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bcw" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 98ppp 53035.129-53035.228

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 91ppp 53166.057-53166.147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100ppp 53132.001-53132.100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102ppp 53165.007-53165.108

#### S. Reportable occurrences, LERs & related correspondence

9003090321 Final deficiency rept re safety related HVAC duct welding initially reported on 870312 Rept includes results of review of addl data sheets & functional & math strength evaluations Stop work orders issued  
WALLACE, E.G. Tennessee Valley Authority 90/03/01 Document Control Branch (Document Control Desk) 7pp 52945.120-52945.126

#### DOCKET 50-395 VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9003050040 Forwards Insp Rept 50-395/80-03 on 900122-26 No violations or deviations noted  
JULIAN, C.A. Region 2, Ofc of the Director 90/02/12 BRADHAM, O.S. South Carolina Electric & Gas Co. 3pp 52825.023-52825.032

-9003050042 Insp Rept 50-395/80-03 on 900122-26 No violations or deviations noted Major areas inspected ltr protocol on & followup of repair work on jockey pump & integrated ltr computer sys which receives alarm when ltr occurs  
HARRIS, J.R. CHILTON, E. Region 2, Ofc of the Director 90/02/07 7pp 52825.026-52825.332

9003090127 Rev 8 to Emergency Plan Procedure EPP 020, "Emergency Personnel Exposure Control" W/9003223 ltr  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/02/23 14pp 52947.074-52947.087

9003090476 Forwards Rev 26 to EP-100, "Radiation Emergency Plan" & summary of changes Sr engineer will assume responsibility until unit dcre expertise individual arrives in order to meet com expertise requirements  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/03/02 Document Control Branch (Document Control Desk) 4pp 52972.192-52973.070

-9003090480 Rev 26 to EP-100 "Radiation Emergency Plan"  
\* South Carolina Electric & Gas Co. 90/02/08 235pp 52972.196-52973.070

#### P. Operating license stage documents & correspondence

9002260021 Certifies that facility developed hress for duty program consistent w/ 10CFR26 requirements & effective 900103 900103  
BRADHAM, O.S. South Carolina Electric & Gas Co. 89/12/22 Office of the Secretary of the Commission 2pp 52711.129-52711.130

9002220703 Forwards proprietary addl info per NRC 900104 request re Tech Spec change request for elimination of resistant temp detector bypass man f'd sys marked up Tech Spec pages & block diagrams Enc's withheld  
WARREN, J.A. South Carolina Electric & Gas Co. 90/02/06 Document Control Branch (Document Control Desk) 2pp 52776.076-52776.077

9002220400 Forwards Amend 85 to License NPF-12 & safety evaluation Amend revises Tech Spec 3/4.3.6, "Accident Monitoring Instruments" to delete Item 14, "Reactor Bldg Level from Tables 3.3.10 & 4.3.7  
WARREN, J.A. Project Directorate II-1 90/02/12 BRADHAM, O.S. South Carolina Electric & Gas Co. 3pp 52700.318-52700.328

-9002220403 Amend 85 to License NPF-12 revising Tech Spec 3/4.3.6, "Accident Monitoring Instruments" to delete Item 14, "Reactor Bldg Level" from Tables 3.3.10 & 4.3.7 & Item 13 to read "Reactor Bldg/RHR Sump Level"  
ADENSAME, G. Project Directorate II-1 90/02/12 5pp 52700.321-52700.325

-9002220466 Safety evaluation supporting Amend 85 to License NPF-12  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/12 3pp 52700.326-52700.328

9002220472 Forwards Amend 83 to License NPF-12 & safety evaluation Amend changes Tech Spec 4.0.2 surveillance requirements to remove 3.25 limit on extending surveillance intervals  
HAYES, J.J. Project Directorate II-1 90/02/12 BRADHAM, O.S. South Carolina Electric & Gas Co. 3pp 52700.329-52700.309

-9002220476 Amend 83 to License NPF-12 revising Tech Spec 4.0.2 surveillance requirements to remove 3.25 limit on extending surveillance intervals  
ADENSAME, G. Project Directorate II-1 90/02/12 5pp 52700.302-52700.306

-9002220479 Safety evaluation supporting Amend 83 to License NPF-12  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/12 3pp 52700.307-52700.309

9003120234 ltr informs that 900131 response fulfills requirements of Generic Ltr 89-03, "Svc Water Sys Problems Affecting Safety Related Equipment"  
HAYES, J.J. Project Directorate II-1 90/02/21 BRADHAM, O.S. South Carolina Electric & Gas Co. 3pp 52980.026-52980.028

9003120034 Forwards Amend 87 to License NPF-12 & safety evaluation Amend revises Tech Spec 3/4.4.5 to extend application of F tube criterion for life of steam generator  
HAYES, J.J. Project Directorate II-1 90/02/23 BRADHAM, O.S. South Carolina Electric & Gas Co. 3pp 52974.222-52974.231

-9003120039 Amend 87 to License NPF-12 revising Tech Spec 3/4.4.5 to extend application of F tube plugging criterion for life of steam generator  
ADENSAME, G. Project Directorate II-1 90/02/23 4pp 52974.223-52974.226

-9003120042 Safety evaluation supporting Amend 87 to License NPF-12  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/23 5pp 52974.227-52974.231

9003070317 Advises that licensee should revise procedures generation package to reflect concerns noted in NRC 870629 safety evaluation or provide justification why rev not necessary  
HAYES, J.J. Project Directorate II-1 90/02/26 BRADHAM, O.S. South Carolina Electric & Gas Co. 2pp 52888.005-52888.006

9003080288 Forwards response to Generic Ltr 80-01 consisting of completed NRC Regulatory Impact Survey questionnaire sheets containing estimates of time spent by managers on insps & audits  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/03/01 Document Control Branch (Document Control Desk) 9pp 52893.278-52893.288

9003140307 Confirms 900216 telcon agreement that Amend 85 to License NPF-12 would be enacted upon completion of mods to reactor bldg/RHR sump level and cal'd mod will be implemented during fifth refueling outage scheduled to begin on 900323  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/03/01 Document Control Branch (Document Control Desk) 1p 53030.001-53030.001

9003160381 Advises that licensee 900201 request to use B&W steam generator plugs mfg w/ Alloy 890 as opposed to Alloy 660 approved per 10CFR50.55a(e)(3)  
ADENSAME, G. Project Directorate II-1 90/03/05 BRADHAM, O.S. South Carolina Electric & Gas Co. 3pp 53038.208-53038.210

9002222 telcon re mgt meeting scheduled for 9/30/12 in Region II safety assessment results  
Region 2, Ofc of the Director, 90/03/06 BRADHAM, O.S. South Carolina Co 2pp. 53112 192-53112 193

Forwards Amend 88 to License NPF-12 & safety evaluation. Amend de-  
ficient parameters from Tech Specs & refs core operating limits repl for  
parameters per Generic Ltr 88-16  
Project Directorate II-1, 90/03/06 BRADHAM, O.S. South Carolina Electric & Gas Co. 53146 118-53146 158

Forwards Amend 88 to License NPF-12 deleting values of cycle-specific parameters  
specs & ref core operating limits repl for values of parameters per Generic  
Ltr. Project Directorate II-1, 90/03/06 33pp. 53146 :21-53146 153

Safety evaluation supporting Amend 88 to License NPF-12.  
Nuclear Reactor Regulation, Director (Post 870411) 90/03/06 5pp  
53146 158

Forwards add info re natural circulation evaluation program repl per  
request  
S. South Carolina Electric & Gas Co. 90/03/09 HAYES, J.J. Document  
Control (Document Control Desk) 2pp 53075 064-53075 065

Forwards Amend 90 to License NPF-12 & safety evaluation. Amend revises  
removal of resistance temp detector bypass manifold sys hot & cold  
Project Directorate II-1, 90/03/15 BRADHAM, O.S. South Carolina Electric  
& Gas Co. 53113 291-53113 314

Forwards Amend 90 to License NPF-12, revising Tech Spec re removal of resist-  
ance detector bypass manifold sys hot & cold leg p.p.r.g  
Project Directorate II-1, 90/03/15 11pp 53113 294-53113 304

Safety evaluation on supporting Amend 90 to License NPF-12  
Nuclear Reactor Regulation, Director (Post 870411) 90/03/15 10pp  
53113 314

Forwards NRC understanding of current status of all unimplemented USF  
JUL 891122 response to Generic Ltr 89-21  
Project Directorate II-1, 90/03/19 BRADHAM, O.S. South Carolina Electric  
& Gas Co. 53149 081-53149 086

Forwards to Generic Ltr 89-19 re design of steam generator over-  
haul does not plan to implement physical mods or administrative changes  
refrigeration sys meets or exceeds guidance in generic Ltr  
S. South Carolina Electric & Gas Co. 90/03/19, Document Control  
Desk (Document Control Desk) 3pp 53153 096-53153 098

Forwards Ltr 90-03 to all power reactor licensees & applicants re relaxation  
in Generic Ltr 83-26, Item 2.2, Part 2 "Vendor Interface for Safety-Related  
Events" Svc list encl  
Associate Director for Projects (Post 870411) 90/03/20, Consolidated  
Edison Co. of New York, Inc. 55pp 53195 014-53195 089

#### Reports, IE Bulletins & correspondence

Forwards Exam Rept 50-395/OL-89-03 administered on 8/12/05  
Region 2, Ofc of the Director, 90/02/02 BRADHAM, O.S. South Carolina  
Co 2pp 52954 067-52954 162

Exam Rept 50-395/OL-89-03 on 8/12/05 Exam results both reactor opera-  
tor & operator passed Answer key encl  
MUNRO, J.F. Region 2, Ofc of the Director, 90/02/02 94pp  
52954 162

Forwards Insp Rept 50-395/90-02 on 900108-12 & 22-26 No violations or de-  
viations noted  
Region 2, Ofc of the Director, 90/02/07 BRADHAM, O.S. South Carolina  
Co 3pp 52722 069-52722 080

Insp Rept 50-395/90-02 on 900108-12 & 22-26 No violations or de-  
viations noted Major areas inspected containment local leak rate testing, verification of  
leakage & licensee actions on previous insp findings  
LENNAN, J.J. Region 2, Ofc of the Director, 90/02/06 9pp 52722 072

Forwards Insp Rept 50-395/90-03 on 900122-26 No violations or de-  
viations noted  
Region 2, Ofc of the Director, 90/02/12 BRADHAM, O.S. South Carolina  
Co 3pp 52825 023-52825 032

Insp Rept 50-395/90-03 on 900122-26 No violations or deviations  
areas inspected fire protection & followup of repair work on jockey pump  
re computer sys which receives alarm when fire occurs  
CONLON, T.E. Region 2, Ofc of the Director, 90/02/07 7pp 52825 026

Summary of 900208 meeting w/ util & util consultants to discuss issues as-  
sumed on 8/11/21 & 12/11-15 at facility re implementation of IE Bulle-  
tin 9-14, UII handout & list of attendees encl  
Project Directorate II-1, 90/02/15 Project Directorate II-1, 35pp  
52812 129

Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-  
terfacial Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/02/23  
Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 360

Info Notice 90-011, "Main Deficiency Associated W/ Solenoid Oper-  
ation Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/02/28  
Consolidated Edison Co. of New York, Inc. 99pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Commu-  
nications" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28  
Consolidated Edison Co. of New York, Inc. 98pp 52844 001-52844 099

9003080288 Forwards response to Generic Ltr 90-01, consisting of completed NRC Reg-  
ulatory Impact Survey questionnaire sheets containing estimates of time spent by  
managers on insps & audits  
BRADHAM, O.S. South Carolina Electric & Gas Co. 90/03/01 Document Control  
Branch (Document Control Desk) 9pp 52893 278-52893 286

9003210003 Forwards Insp Rept 50-395/90-04 on 900129-0202 No violations or de-  
viations noted  
COLLINS, D.M. Region 2, Ofc of the Director, 90/03/02 BRADHAM, O.S. South Carolina  
Co 3pp 53093 058-53093 076

--9003210004 Insp Rept 50-395/90-04 on 900129-0202 No violations noted Major  
areas inspected radiological environ monitoring, water chemistry, radiological liquid &  
gaseous effluents & confirmatory radiological measurements  
MARSTON, R.R. DECKER, T.R. Region 2, Ofc of the Director, 90/02/28 16pp  
53099 061-53099 076

9002270399 NRC Info Notice 90-013 "Importance of Review & Analysis of Safeguards  
Event Logs" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05  
Consolidated Edison Co. of New York, Inc. 99pp 52844 100-52844 198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials" Svc  
list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/06 Consolidated Edison Co. of New York, Inc. 88pp 52997 001-52997 094

9003210097 Forwards Insp Rept 50-395/90-05 on 900129-0202 No violations or de-  
viations noted  
JULIAN, C.A. Region 2, Ofc of the Director, 90/03/06 BRADHAM, O.S. South Carolina  
Electric & Gas Co 3pp 53093 327-53093 335

--9003210101 Insp Rept 50-395/90-05 on 900222 No violations or deviations  
noted Major areas inspected containment bldg tendon surveillance & svc water pond  
monitoring programs  
LENNAN, J.J., REUSLE, G.A. Region 2, Ofc of the Director, 90/02/22 6pp  
53093 330-53093 335

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Nu-  
clear Control Directors Before Beginning Work in Agreement States" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997 005-52997 189

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule"  
Svc list encl  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post  
870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52987 288-  
52988 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresent-  
ed Fasteners" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07  
Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 208

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Coppe-  
r Valve Vals" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08  
Consolidated Edison Co. of New York, Inc. 104pp 52963 096-52963 193

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief  
Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Full-Of in Transmitters Mfg by Rosemount"  
Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 109pp 52963 300-52964 048

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment  
Recirculation Spray at PWR Facilities" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc. 99pp 52997 190-52997 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box  
Bow" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20  
Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Op-  
eration of Radwaste Incinerators" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/22 Consolidated Edison Co. of New York, Inc. 81pp 53166 057-53166 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly  
Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108

#### R. Periodic operating reports & related correspondence

9003060066 "Semiannual Effluent & Waste Disposal Rept for Operating Period Jul-Dec 1999." W/90030101.  
GONDY, G.M. SUMMER, S.E. BRADHAM, O.S. South Carolina Electric & Gas Co. 89/12/31. EBNTER, S.D. Document Control Branch (Document Control Desk). 81pp. 52910.027-52910.117.

9003220161 "1999 Annual Operating Rept for VC Summer Nuclear Station." W/90022201.  
BRADHAM, O.S. South Carolina Electric & Gas Co. 89/12/31. EBNTER, S.D. Region 5, Oic of the Director. 7pp. 53126.137-53126.151.

9002270197 Monthly operating rept for Jan 1999 for Magi C Summer Nuclear Station W/90022121.  
HAYES, J.J. BRADHAM, O.S. South Carolina Electric & Gas Co. 90/01/31. BARR, J.W. No Data or Allocation Given. 5pp. 52749.030-52749.331.

9003220017 Monthly operating rept for Feb 1999 for VC Summer Nuclear Station W/90022121.  
HAYES, J.J. BRADHAM, O.S. South Carolina Electric & Gas Co. 90/02/28. 5pp. 53126.137-53126.232.

#### 5. Reportable occurrences, LEHRs & related correspondence

9002100186 Rept of reactor backdrifts furnished in spare parts seals & 25 GPM 4" water supply pipe. Indicators inside of nuclear heat rings should be taken & have been replaced. HARRIS, J.L. BRADHAM, O.S. South Carolina Electric & Gas Co. 89/12/31. EBNTER, S.D. Document Control Branch (Document Control Desk). 1p. 52936.049-52936.050.

9003010196 Rept on 9003010196. 1297 & 21 subdrifts re loss of offsite power. HARRIS, J.L. BRADHAM, O.S. South Carolina Electric & Gas Co. 90/02/21. 5pp. 52749.030-52749.331.

9003120765 Rept on 9003120765. 10CFR21 rept to check water sys operation. Evaluation of Crystal River determined that postulated high energy line break in intermediate bldg may result in steam backdrift, high normal loads causing rising water temp. HARRIS, J.L. BRADHAM, O.S. South Carolina Electric & Gas Co. 90/02/21. MURPHY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52990.216-52990.217.

9003140406 Forwards safety evaluation re resolution of steam generator integrity. Licensee agreement sufficient to conclude that steam generator tube failure unlikely during remainder of current cycle. BERRIGAN, M.L. Assistant Director for Region II Reactors. 90/03/09. GIBSON, A. Region 2, Oic of the Director. 1p. 53030.329-53030.332.

9003140432 Safety evaluation re steam generator tubes on event at plant. Office of Nuclear Reactor Regulation, Director (Post 870411). 50/03/09. 3pp. 53060.330-53060.332.

9003210267 LEHR 90 031-00 on 900209.Gibert/Commonwealth Inc informed util of vendor requirement to repl design deficiency re failure of safety function per Part 21 Util evaluating what gas gen mods can be made to correct deficiency W/900312. HARRIS, J.L. BRADHAM, O.S. South Carolina Electric & Gas Co. 90/03/12. 4pp. 53100.021-53100.023.

#### V. Operator Examinations

9003090277 Forwards Exam Rept 50-395/OL-89-03 administered on 891205. PEEBLES, T.A. Region 2, Oic of the Director. 50/02/02. BRADHAM, O.S. South Carolina Electric & Gas Co. 2pp. 52954.067-52954.162.

9003090284 Exam Rept 50-395/OL-89-03 on 891205 Exam results both reactor operator & senior reactor operator passed Answer key encl. ERNSTES, W.E. MURPHY, T.E. Region 2, Oic of the Director. 90/02/02. 94pp. 52954.069-52954.162.

9003230293 Forwards exemption from requirements of 10CFR55.58(a) re qualification extending 24-month requalification program to May 1991 & annual requalification testing to May 1990. HAYES, J.J. Project Directorate II-1. 90/02/21. BRADHAM, O.S. South Carolina Electric & Gas Co. 53174.225-53174.229.

9003230287 Exemption extending plant annual requalification exam from Mar 1990 to May 1990 & end of 24-month requalification program cycle from Mar 1991 to May 1991. LAIVAS, G.C. Division of Reactor Projects - I/II (Post 870411). 90/02/27. South Carolina Electric & Gas Co. 4pp. 53174.226-53174.229.

#### DOCKET 50-396 UNIV. OF VIRGINIA CAVALIER REACTOR

#### P. Operating license stage documents & correspondence

9003130420 Application for amend/terminating License R-123. Decommissioning plan encl. MULDER, R.U. Virginia, Univ. of, Charlottesville, VA. 90/02/26. Document Control Branch (Document Control Desk). 1p. 52994.335-52995.037.

9003130435 Decommissioning Plan for Univ of Virginia 100-Watt Cavalier Reactor & Application for Termination of OL. Virginia, Univ. of, Charlottesville, VA. 90/02/26. 82pp. 52984.336-52995.037.

#### DOCKET 50-397 WPPSS NUCLEAR PROJECT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002220561 Advises that Rev 9 to plant emergency plan meets stds in 10CFR50.47(b) & requirements of 10CFR50 App E. NRC has understanding that items noted in Insp Rept 50-387/89-39 will be reexamined for consideration during next plan rev. YUHAS, G.P. Region 5, Oic of the Director. 90/01/26. SORESEN, G.C. Washington Public Power Supply System. 2pp. 52703.174-52703.178.

9002220608 Responds to 891103 request for addl info re four action items from protection insp Unit met w/NRC resident inspector to inform region of efforts taken to confirm that all remedial actions in place. SORESEN, G.C. Washington Public Power Supply System. 90/02/05. MARTIN, E. Region 5, Oic of the Director. 3pp. 52714.167-52714.170.

#### J. Insurance & Indemnity Information

9003220317 Provides level of priority & indemnity insurance coverage for 10CFR50.54(w)(2) annual requirement. SORESEN, G.C. Washington Public Power Supply System. 90/03/13. Document Control Branch (Document Control Desk). 1p. 53145.133-53145.162.

#### P. Operating license stage documents & correspondence

9002270034 Responds to request for agency approval re 527215 application to amend License NPF-21, revising Tech Specs to allow use of 4" in freshwater pump piping for cycle extension. SORESEN, G.C. Washington Public Power Supply System. 90/02/14. Document Control Branch (Document Control Desk). 4pp. 52758.096-52758.099.

9002260271 Provides program plan for resolution of reactor to standby gas gen sys relative to establishing secondary containment pressure under a corrective NRC 560103 request. SORESEN, G.C. Washington Public Power Supply System. 90/02/16. Document Control Branch (Document Control Desk). 4pp. 52725.251-52725.260.

9003020032 Forwards Amend 75 to License NPF-21 & safety evaluation. Amend 75 Tech Specs 3.3.7.5, "Acoustic Monitoring Instrumentation" & 3.4.2 "Safety Valves" by providing that acoustic monitors may be replaced. SAMWORTH, R.B. Project Directorate V. 90/02/20. SORESEN, G.C. Washington Public Power Supply System. 4pp. 52795.097-52795.111.

9003020036 Amend 75 to License NPF-21, Amend Tech Specs 3.3.7.5 & 3.4.2 to provide that acoustic monitors for MS RV-20 & 2D may be inoperable until after refueling outage. HOLLAND, G.M. Division of Reactor Projects - II/IV & Source Projects (Post 870411). 90/02/20. 9pp. 52795.101-52795.109.

9003020041 Safety evaluation supporting Amend 75 to License NPF-21. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/20. 5pp. 52795.110-52795.114.

9003090319 Informs of delay of equipment support methodology program plan. Schedule will be provided within 30 days of its date. SORESEN, G.C. Washington Public Power Supply System. 90/02/20. MARTIN, E. Region 5, Oic of the Director. 2pp. 52945.114-52945.115.

9003010142 Forwards Amend 76 to License NPF-21 & safety evaluation. Amend 76, footnote to surveillance requirement 4.0.1.1.2 d 2 providing alternate method of performing surveillance until 900530. SAMWORTH, R.B. Project Directorate V. 90/02/22. SORESEN, G.C. Washington Public Power Supply System. 4pp. 52815.252-52815.266.

9003010148 Amend 76 to License NPF-21, amend revises Tech Specs to 3.4.8 "AC Sources" by adding footnote to surveillance requirement 4.0.1.1.2 d 2 providing alternative method of performing surveillance until 900530. TRAMWELL, C.M. Project Directorate V. 90/02/22. 7pp. 52815.256-52815.262.

9003010150 Safety evaluation supporting Amend 76 to License NPF-21. Amend 76, not be in initial to common defense & security or to health & safety of public. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/22. 5pp. 52815.263-52815.268.

9003020278 Rev 6 to Plant Procedures Manual 13.8.2, "Manual Offsite Dose Calculations." W/900222. PETERS, J.F. Washington Public Power Supply System. 90/02/22. 8pp. 52798.324-52798.331.

9003090218 Forwards "Washington Nuclear Plant-2 Semiannual Radioactive Effluent Release Rept, Jul-Dec 1989" & Amend 7 to "ODCM." POWERS, C.M. Washington Public Power Supply System. 90/02/26. Document Control Branch (Document Control Desk). 1p. 52953.143-52953.334.

9003090248 Amend 7 to "ODCM." Washington Public Power Supply System. 90/02/26. 136pp. 52953.199-52953.334.

9003090354 Advises that 800124 Rev 13 to operational QA program description consistent w/10CFR50 App B & acceptable. ZIMMERMAN, J.P. Region 6, Oic of the Director. 90/02/26. SORESEN, G.C. Washington Public Power Supply System. 1p. 52964.241-52964.241.

9003080203 Application for amend to License NPF-21, allowing use of Cycle 6 reload fuel in plant. Changes to listed Tech Specs requested. Supporting reload analysis repts encl. Proprietary GE & ABB Atom repts withheld (ref 10CFR2.790(b)(4)). SORESEN, G.C. Washington Public Power Supply System. 90/02/27. Document Control Branch (Document Control Desk). 15pp. 52922.001-52922.177.

9003080222 Proposed Tech Specs re use of Cycle 6 reload fuel in plant. Washington Public Power Supply System. 90/02/27. 21pp. 52922.016-52922.036.

9003080227 "Washington Nuclear Plant-2 Cycle 6 Reload Summary Rept." WOLKENHAUER, W. Washington Public Power Supply System. WPPSS EANF-126. 90/02/28. 42pp. 52922.037-52922.078.

9003080238 "Washington Nuclear Plant-2 Cycle 6 Reload Analysis." KRAJICEK, J.E., LEONARD, S.L. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.). ANF-90-02. 90/01/31. 47pp. 52922.079-52922.125.

9003080240 "Washington Nuclear Plant-2 Cycle 6 Plant Transient Analysis." KRAJICEK, J.E. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.). ANF-90-01. 90/01/31. 82pp. 52922.126-52922.177.



125 Forwards compilation of responses to regulatory impact survey regarding Genec Ltr 90-01  
SEN, G.C. Washington Public Power Supply System 90/03/01  
QW, J.G. Associate Director for Projects (Post 870411) 8pp 53039-352-359.

100 Forwards Amend 77 to License NPF-21 and safety evaluation. Amend adds section 3/4.1.6, "Reactivity Control Sys. Feedwater Temp" specifying that feedwater temp shall not be reduced below 350 F for purpose of fuel cycle extension.  
ORTH, R.B. Project Directorate V 90/03/01. SORENSEN, G.C. Washington Public Power Supply System. 3pp 53066-217-53066-253

1120 Amend 77 to License NPF-21, adding new Section 3/4.1.6, "Reactivity Control Sys. Feedwater Temp" specifying that feedwater temp shall not be reduced below 350 F for purpose of fuel cycle extension.  
JELL, C.M. Project Directorate V 90/03/01 22pp 53066-220-53066-241

1125 Safety evaluation supporting Amend 77 to License NPF-21.  
U.S. Nuclear Reactor Regulation, Director (Post 870411) 90/03/01 10pp 542-53366-251

1142 Notice of issuance of Amend 77 to License NPF-21. Amend adds new section 3/4.1.6, "Reactivity Control Sys. Feedwater Temp" specifying that feedwater temp shall not be reduced below 350 F.  
ORTH, R.B. Project Directorate V 90/03/01. 2pp 53066-252-53066-253

155 Application for amend to License NPF-21, revising Tech Spec 3.0.1.1, "Accident Monitoring Instrumentation" to allow plant to focus on restoring equipment to operable status.  
SEN, G.C. Washington Public Power Supply System. 90/03/02 Document Branch (Document Control Desk). 7pp 52934-176-52994-185

1391 Proposed Operational Conditions 1.2 & 3 for Tech Spec 3/4.0.1.1, "Accident Monitoring Instrumentation".  
Washington Public Power Supply System 90/03/02 3pp 52994-183-52994-185.

104 Application for amend to License NPF-21, revising battery load profile to meet Requirement 4.8.2.1 d 2 to reflect results of recent reviews of battery capacity.  
SEN, G.C. Washington Public Power Supply System. 90/03/02 Document Branch (Document Control Desk) 4pp 52995-163-52995-167.

1409 Proposed Tech Specs revising battery load profiles in Surveillance Requirement 4.8.2.1 d 2.  
Washington Public Power Supply System. 90/03/02 4pp 52995-167-52995-167.

87 Forwards supplementary info re 900214 application for amend to License NPF-21, revising Tech Spec 3.3.7.5 to address failed safety/relief valve position indicator.  
SEN, G.C. Washington Public Power Supply System. 90/03/02 Document Branch (Document Control Desk). 3pp 53039-099-53039-104

1216 Proposed Tech Spec 3/4.4.2 re safety/relief valves.  
Washington Public Power Supply System. 90/03/02 3pp 53039-102-53039-104

63 Application for amend to License NPF-21, revising Tech Spec 3.4.2, "Safety/Relief Valves" & Tables 3.3.7.5-1 & 3.3.7.5-1, "Accident Monitoring Instrumentation", to monitor on safety valves to be inoperable until shutdown.  
SEN, G.C. Washington Public Power Supply System. 90/03/02 Document Branch (Document Control Desk). 6pp 53112-047-53112-055

1070 Proposed Tech Spec 3.4.2, "Safety/Relief Valves" & Tables 3.3.7.5-1 & 3.3.7.5-1, "Accident Monitoring Instrumentation Surveillance Requirement".  
Washington Public Power Supply System. 90/03/02 3pp 53112-053-53112-055.

71 Forwards Amend 78 to License NPF-21 and safety evaluation. Amend revises Tech Spec 3.3.7.5, "Accident Monitoring Instrumentation" & 3.4.2, "Safety/Relief Valves" to permit acoustic monitors for valves to be inoperable until 900413.  
ORTH, R.B. Project Directorate V 90/03/07. SORENSEN, G.C. Washington Public Power Supply System. 4pp 53050-337-53050-351.

1075 Amend 78 to License NPF-21, revising Tech Specs 3.3.7.5, "Accident Monitoring Instrumentation" & 3.4.2, "Safety/Relief Valves" by permitting acoustic monitors for valves to be inoperable until full refueling outage.  
SKILL, J.A. Assistant Director for Region IV/V Reactors (Post 891001). 90/03/07 53050-341-53050-346.

1079 Safety evaluation supporting Amend 78 to License NPF-21.  
U.S. Nuclear Reactor Regulation, Director (Post 870411). 90/03/07 5pp 547-53050-351.

89 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
QW, J.G. Associate Director for Projects (Post 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 6pp 53195-014-53195-089.

55 Advises of release of subchannel thermal hydraulic computer code & re-review of VIPRE-01 Mod-02 & issuance of SER for PWR & BWR licensees. BWR qualification analyses completed & reprinted on BWR applications encl.  
Y. Washington Public Power Supply System. 90/03/28 Document Control Branch (Document Control Desk). 8pp 53145-271-53145-338.

#### Information reports, IE Bulletins & correspondence

61 Advises that Rev 9 to plant emergency plan meets state in 10CFR50.47(b) requirements of 10CFR50. App. E. NRC has understanding that items noted in Insp 50-397/89-39 will be reexamined for consideration during next plan rev.  
G.P. Region 5, Ofc of the Director. 90/01/26. SORENSEN, G.C. Washington Public Power Supply System. 2pp 52703-174-52703-176.

06 Responds to 891103 request for addl info re four action items from fire on Insp. Unit met w/NRC resident inspector to inform region of efforts taken to take all remedial actions in place.  
SEN, G.C. Washington Public Power Supply System. 90/02/05. MARTIN, J.B. 5, Ofc of the Director. 3pp 52714-167-52714-170.

9002260288 Responds to notice of violation & proposed imposition of civil penalty re Insp Repts 50-397/89-21, 50-397/89-22 & 50-397/89-28 Violations denied for specified reasons.  
BOUCHIEY, G.D. Washington Public Power Supply System. 90/02/16. LIEBERMAN, J. Ofc of Enforcement (Post 870413) 43pp 52720-052-52720-094

9003080150 Forwards Mgt Meeting Rept 50-397/90-02 on 900118 Licensee should follow improvement programs related Major areas discussed until actions to address motor/generator bearing problems & related mgt improvements to be undertaken.  
ZIMMERMAN, H.P. Region 5, Ofc of the Director. 90/02/16. MAZUR, D.W. Washington Public Power Supply System. 7pp 52896-308-52896-025

9003140127 Forwards Insp 50-397/89-40 on 891218 900128 & notice of violation.  
RICHAUDS, S.A. Region 5, Ofc of the Director. 90/02/21. SORENSEN, G.C. Washington Public Power Supply System. 2pp 53001-065-53001-071

9003140134 Notice of violation from Insp on 891218 900128 Violation noted electrolytic level not checked in Sept & Oct 1989 when preventive maint performed on lighting ballasts & proper torque on electrolytic cells for RHH valve not verified.  
RICHAUDS, S.A. Region 5, Ofc of the Director. 90/02/21 2pp 53001-067-53001-068

9003140136 A Rept 50-397/89-40 on 891218 900128 Violations noted. Major areas inspected control room operations. Licensee advised of previous mgt findings. EES status, safety planning, and program LERs & special insp topics.  
JOHNSON, P.H. Region 5, Ofc of the Director. 90/02/21 11pp 53001-069-53001-074

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core Fuel" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 9pp 52776-262-52776-360

9002230263 NRC Info Notice 90-011, "Main Duct Leakage Associated W/ Solenoid Operated Valves" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp 52776-163-52776-261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp 52844-001-52844-099

9003130415 Responds to NRC 900201 air to violations noted in Insp Rept 50-397/89-30 Corrective action plant personnel currently in process of making improvements to plant operations procedure writers guide.  
BOUCHIEY, G.D. Washington Public Power Supply System 90/03/02 Document Control Branch (Document Control Desk) 4pp 53014-296-53014-299

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguard Event Logs" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 9pp 52844-109-52844-198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Wastes" Svc list encl.  
CUNNINGHAM, R.F. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06 Consolidated Edison Co. of New York, Inc. 8pp 52997-001-52997-094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States" Svc list encl.  
CUNNINGHAM, R.F. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 8pp 52997-085-52997-188

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule" Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997-288-52997-018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844-199-52844-288

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52963-098-52963-189

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963-200-52963-289

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mgt by Rosemount" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp 52963-300-52963-048

9003260342 Ack receipt of 900302 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-397/89-30.  
KIRSCH, D.F. Region 5, Ofc of the Director. 90/03/12. SORENSEN, G.C. Washington Public Power Supply System. 1p 53148-032-53148-036

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp 52997-190-52997-287

9003220256 Ack receipt of 900302 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-397/89-30.  
KIRSCH, D.F. Region 5, Ofc of the Director. 90/03/16. SORENSEN, G.C. Washington Public Power Supply System. 1p 53113-116-53113-120

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Box" Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 98pp 53035-129-53035-228

9003120134 "Annual Personnel Monitoring Rpt for WPPSS-2 for CY89." W/ 900215. IIR POWERS,C.M. Washington Public Power Supply System. 89/12/31. BECKJOHN,E.S. Office of Nuclear Regulatory Research (Post 800/20). 2pp. 52973 163-52973 164

9003140332 "WPPSS-2 Annual Operating Rpt for 1989." W/900228 IIR. POWERS,C.M. Washington Public Power Supply System. 89/12/31. MARTIN,J.B. Region 3, Ofc of the Director. 96pp. 53030 009-53030 103

9003090218 Forwards "Washington Nuclear Plant-2 Semiannual Radioactive Effluent Release Rpt,Jul-Dec 1989" & Amend 7 to "OCCM." POWERS,C.M. Washington Public Power Supply System. 90/02/26. Document Control Branch (Document Control Desk). 1p. 52053 143-52053 334

-9003090234 "Washington Nuclear Plant-2 Semiannual Radioactive Effluent Release Rpt,Jul-Dec 1989." \* Washington Public Power Supply System. 89/12/31. 55pp. 52953 144-52953 108

-9003090248 Amend 7 to "OCCM." \* Washington Public Power Supply System. 90/02/26. 136pp. 52953 189-52953 334.

9003200213 Monthly operating rpt for Feb 1990 for WPPSS-2 W/900309 IIR. HUTCHINSON,L.D. POWERS,C.M. Washington Public Power Supply System. 90/02/20. 4pp. 53078 357-53078 360

### S. Reportable occurrences, LERs & related correspondence

9002270002 LER 90-002-00 on 900118, discovered that main steam science pilot valves -inoperable from June 1988 to June 1989. Caused by personnel error due to installation of unqualified power connector. Connector replaced W/900213 IIR. FIES,C.L. POWERS,C.M. Washington Public Power Supply System. 90/02/13. 6pp. 52747 179-52747 184.

9003020127 LER 90-003-00 on 900126, HPCS sys pump section valve switchover occurred during performance of procedure for draining relief leg. Caused by plant configuration on Sys restored to prevent loop status W/900223 IIR. ARBUCKLE,J.D. POWERS,C.M. Washington Public Power Supply System. 90/02/23. 7pp. 52829 168-52829 174

9003140363 LER 89-033-01 on 890811, RWCU isolation occurred when fuse in power supply to leak detection monitor blowing, false high alarm signal to isolation logic. Cause unknown. Fuse replaced & RWCU sys restored to operation. W/900302 IIR. FIES,C.L. POWERS,C.M. Washington Public Power Supply System. 90/03/02. 4pp. 53006 070-53006 073

9003140391 LER 89-039-01 on 890121, two 3/8 inch drain line valves associated w/ standby liquid control flow transmitter not labeled & not contained in checklist. Caused by inadequate procedures. Walkdown will be conducted W/900302 IIR. FIES,C.L. POWERS,C.M. Washington Public Power Supply System. 90/03/02. 5pp. 53008 074-53008 078

9003220086 LER 90-004-00 on 900208, HPCS diesel generator declared inoperable for performance of corrective maint to investigate previous trip of output circuit breaker which occurred on 900204. New drop switch installed W/900309 IIR. DAVISON,W.S. POWERS,C.M. Washington Public Power Supply System. 90/03/08. 6pp. 53144 002-53144 007.

9003220090 LER 90-005-00 on 900209, non-safety-related circuit breaker on power panel tripped, resulting in ESF actuation. Caused by equipment mfg error involving defect in circuit breaker tripping mechanism. Defective breaker replaced W/900309 IIR. FIES,C.L. POWERS,C.M. Washington Public Power Supply System. 90/03/08. 5pp. 53144 008-53144 012

### DOCKET 50-400 SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002260306 Forwards Initial SALP Rpt 50-400/89-33 for Jul 1988 - Nov 1989. Assessment indicates that significant progress made in five of seven functional areas & the superior level of performance achieved. EBNETER,S.D. Region 2, Ofc of the Director. 90/02/08. EURY,L.W. Carolina Power & Light Co. 3pp. 52748 052-52748 082

-9002260309 Initial SALP Rpt 50-400/89-33 for Jul 1988 - Nov 1989. \* Region 2, Ofc of the Director. 90/02/08. 2pp. 52748 055-52748 082.

9003210058 Forwards Insp Rpt 50-400/89-02 on 900216, violations noted. Major areas inspected: plant operations, radiological controls, fire protection, security, surveillance observation, LERs, review of NRC bulletin, maint observation & cold weather preparations. VERRELLI,D.M. Region 2, Ofc of the Director. 90/02/27. EURY,L.W. Carolina Power & Light Co. 2pp. 53132 148-53132 164.

-9003210065 Insp Rpt 50-400/89-02 on 900216, violations noted. Major areas inspected: plant operations, radiological controls, fire protection, security, surveillance observation, LERs, review of NRC bulletin, maint observation & cold weather preparations. TEDROW,J. SHANNON,M.L. DANCE,H. Region 2, Ofc of the Director. 90/02/27. 15pp. 53132 160-53132 164.

9002260102 Advises that info requested in EM McKenna 900222 IIR re informal antitrust complaint have not received response but any mail received will be furnished. LAMBE,W.M. Policy Development & Technical Support Branch (Post 870411). 90/02/15. AVERY,G.A. Cadwalader, Wickersham & Taft. 1p. 52739 121-52739 121

9003130270 Submits info in response to 900122 request re initiation of informal complaint procedures per Section 53.2 of NUREG-0970. Unit conduct violates Commitment 4 in antitrust. Consent consultations discovery procedures completed. NEWELL,G.J. Spigot & McQuinn. NEWELL,G.J. North Carolina Eastern Municipal Power Agency. 90/02/23. McKENNA,E. Program Management, Policy Development & Analysis Staff (Post 870413). 3pp. 53014 201-53014 203

#### P. Operating license stage documents & correspondence

9002270076 Notices of issuance of renewal of NPDES permit for plant. Permit incl LOFIN,L.I. Carolina Power & Light Co. 90/02/14. Document Control Branch (Document Control Desk). 31pp. 52749 243-52749 273

9003050259 Confirms amount electronically transferred to US Dept of Treasury. NRC or 900223 for payment of NRC review fees of 10CFR50 applications & 10CFR55 w/25 per 10CFR170 for period of 890101-0617 for listed invoices. LOFIN,L.I. Carolina Power & Light Co. 90/02/26. Document Control Branch (Document Control Desk). 17pp. 52835 099-52835 115.

9003060152 Forwards application for amend to License NPF-63, revising Tech Spec Surveillance 4.0.2 to permit surveillance to be extended up to 25% of specified interval & removing 3.25 limitation from spec. per Generic Ltr 89-14. CUTTER,A.B. Carolina Power & Light Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 53046 146-53046 156.

-9003060155 Application for amend to License NPF-63, revising Tech Spec Surveillance 4.0.2 to permit surveillance intervals to be extended up to 25% of specified interval & removing 3.25 limitation from spec. per Generic Ltr 89-14. \* Carolina Power & Light Co. 90/02/26. 5pp. 53046 148-53046 152

-9003060157 Proposed Tech Specs re surveillance requirements. \* Carolina Power & Light Co. 90/02/26. 4pp. 53046 153-53046 156

9003140289 Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re NRC team insps, INPO evaluations, insuror insps & EPA & OSHA insps. LOFIN,L.I. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029 332-53029 341.

9003140035 Confirms understanding of status of NRC activities re proposed Wake/South Regional Airport located near plant site. Pending issues should be resolved by 900331 to enable unit to complete negotiations w/report authority. CUTTER,A.B. Carolina Power & Light Co. 90/03/06. Document Control Branch (Document Control Desk). 1p. 53019 360-53019 360

9003190292 Confirms that unit withdrew 871109 application for amend to 10CFR50, revising Tech Spec Sections 3.0 & 4.0 per Generic Ltr 87-09. BECKER,R.A. Project Directorate II-1. 90/03/08. EURY,L.W. Carolina Power & Light Co. 3pp. 53050 304-53050 306

9003210074 Notification of 900321 meeting w/unit in Rockville, MD to discuss licensing status at plant. BECKER,R.A. Project Directorate II-1. 90/03/15. ADENSAME,G. Project Directorate II-1. 2pp. 53099 110-53099 111

9003220097 Requests addl info re 890803 amend application to revise Tech Specs 3.4.9.1 & 3.4.9.2 re heatup & cooldown limits for RCS & associated low temp overpressure protection sys setpoints, respectively. BECKER,R.A. Project Directorate II-1. 90/03/16. EURY,L.W. Carolina Power & Light Co. 4pp. 53165 302-53165 305.

9003260020 Forwards NRC understanding of current status of all unimplemented USIs for plant. Staff encourages effort to complete unimplemented USIs. BECKER,R.A. Project Directorate II-1. 90/03/16. EURY,L.W. Carolina Power & Light Co. 3pp. 53148 289-53148 301.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re revision of staff position in Generic Ltr 83-28, item 2.2, Part 2, "Vendor Interface for Safety Related Components." Svc list incl PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195 069

#### Q. Inspection reports, IE Bulletins & correspondence

9002260306 Forwards Initial SALP Rpt 50-400/89-33 for Jul 1988 - Nov 1989. Assessment indicates that significant progress made in five of seven functional areas & the superior level of performance achieved. EBNETER,S.D. Region 2, Ofc of the Director. 90/02/08. EURY,L.W. Carolina Power & Light Co. 3pp. 52748 052-52748 082.

160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inlet 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23  
Consolidated Edison Co. of New York, Inc. 99pp. 52776 262-52776 360

090485 Forwards summary of 900215 enforcement conference re power range instrument re calibration List of attendees & viewgraphs encl.  
YESLA, A. Region 2, Ofc of the Director. 90/02/23. EURY, L.W. Carolina Power & Light Co. 41pp. 52945 236-52945 276

080139 Responds to NRC 900131 ltr re Violation B noted in Insp Rept 50-400/89-00. Corrective actions applicable emergency diesel generator surveillance test process will be modified to specify acceptance criteria re frequency & voltage.  
HEY, R.B. Carolina Power & Light Co. 90/02/26. Document Control Branch (Document Control Desk). 3pp. 52857 331-52857 333

380372 Discusses Insp Rept 50-400/80-01 on 891226-900105 & forwards notice of atcn Response describing actions taken or planned to improve effectiveness of gram on concerns re implementation of mgmt controls requested.  
YESLA, A. Region 2, Ofc of the Director. 90/02/26. EURY, L.W. Carolina Power & Light Co. 3pp. 52857 336-52857 340

3080375 Notice of violation from Insp on 891226-900105 Violation noted reactor sys setpoints not set consistent w/rtp values in Table 2-2-1 & Tech Spec 3.7-1 n 891220 23.  
YESLA, A. Region 2, Ofc of the Director. 90/02/26. 2pp. 52857 339-52857 340.

10058 Forwards Insp Rept 50-400/80-02 on 900216 & notice of violation  
IRELLI, D.M. Region 2, Ofc of the Director. 90/02/27. EURY, L.W. Carolina Power & Light Co. 2pp. 53132 146-53132 164.

1210062 Notice of violation from Insp on 900216 Violation noted: failure to properly implement Procedure OST-1039 resulting in inadequate quadrant power tilt ratio data action & failure to calculate quadrant power tilt ratio as required.  
IRELLI, D.M. Region 2, Ofc of the Director. 90/02/27. 2pp. 53132 146-53132 149.

1210065 Insp Rept 50-400/80-02 on 900216 Violations noted: Major areas affected plant operations: radiological controls, fire protection, security, surveillance operation, LERs, review of NRC bulletin, main observation & cold weather preparations.  
HOW, J., SHANNON, M., DANCE, H. Region 2, Ofc of the Director. 90/02/27. 3. 53132 150-53132 164.

30283 NRC Info Notice 90-011, "Main Delinquency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52844 100-52844 261.

30379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communication." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 88pp. 52844 001-52844 099.

10289 Forwards response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re team insps, INPO evaluations, Insuror insps & EPA & OSHA insps.  
LIN, L.L. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 10pp. 53029 332-53029 341.

10028 Responds to NRC 900131 ltr re violations noted in Insp Rept 50-400/89-00. Corrective actions valve SI-332 closed & gravity drain path isolated & shift foreman re to review MM-012 re priority/emergency maint work control.  
HEY, R.B. Carolina Power & Light Co. 90/03/02. Document Control Branch (Document Control Desk). 4pp. 52891 188-52891 201.

10399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844 100-52844 198.

0081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 3/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997 001-52997 094.

10172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiological Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 3/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997 095-52997 189.

0227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BART, J.L. Division of Low-Level Waste Management & Decommissioning (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997 288-52997 018.

0293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentations." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844 199-52844 298.

0211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52863 096-52863 199.

0241 Ack receipt of 900209 ltr informing NRC of steps taken to correct violations in Insp Rept 50-400/89-35.  
YESLA, A. Region 2, Ofc of the Director. 90/03/08. EURY, L.W. Carolina Power & Light Co. 2pp. 53067 112-53067 113.

0042 Forwards Insp Rept 50-400/90-03 on 900205-09. No violations or deviations noted.  
YESLA, A. Region 2, Ofc of the Director. 90/03/08. EURY, L.W. Carolina Power & Light Co. 2pp. 53132 229-53132 237.

-9003210046 Insp Rept 50-400/90-03 on 900205-09. No violations or deviations noted. Major areas inspected: core performance tests performed during Cycle 3 startup & concomitant calibrations of nuclear instruments  
BURNETT, P.T., BETISLE, G.A. Region 2, Ofc of the Director. 90/03/07. 7pp. 53132 231-53132 237.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52983 200-52983 299.

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963 300-52963 048.

9003190088 Forwards Vols 1 & 2 of "Inservice Insp Summary 1st Interval 1st Period, 2nd Refueling Outage Completed 891222." Svc list encl.  
LOFLIN, L.I. Carolina Power & Light Co. 90/03/09. Document Control Branch (Document Control Desk). 1p. 53072 001-53072 232.

-9003190091 Vols I & II to, "In-Service Insp Summary, 1st Interval, 1st Period, 2nd Refueling Outage Completed 891222." Svc list encl.  
Carolina Power & Light Co. 90/03/09. 591pp. 53072 002-53072 232.

9003080213 NRC Info Notice 90 019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997 190-52997 287.

9003270341 Responds to NRC 900226 ltr re violations noted in Insp Rept 50-400/90-01. Corrective actions all calibr required by Tech Specs for power range nuclear instrumentation satisfactorily completed.  
RICHEY, R.B. Carolina Power & Light Co. 90/03/19. Document Control Branch (Document Control Desk). 4pp. 53192 001-53192 004.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035 129-53035 226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Redwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166 057-53166 147.

9003180306 NRC Info Notice 90 021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132 100.

9003190349 NRC Info Notice 90 022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 108.

## R. Periodic operating reports & related correspondence

9002270074 Annual report of number of personnel & man-ram by work & job function for 1989. primary coolant loading spikes & primary safety & relief valve challenges W/ 900212 ltr.  
RICHEY, R.B. Carolina Power & Light Co. 89/12/31. 5pp. 52758 320-52758 323.

9003090512 "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1989." W/900302 ltr.  
SIMMONS, P., SIPP, J.R., RICHEY, R.B. Carolina Power & Light Co. 89/02/31. 52pp. 52890 187-52890 238.

9003200134 Monthly operating report for Feb 1990 for Harris Nuclear Power Plant, Unit 1. W/900313 ltr.  
HALE, M., RICHEY, R.B. Carolina Power & Light Co. 90/02/28. 5pp. 53070 044-53070 048.

9003080358 Rept of 10CFR50.59 changes to procedures & for plant mode for 1989.  
RICHEY, R.B. Carolina Power & Light Co. 90/03/01. Document Control Branch (Document Control Desk). 53pp. 52898 255-52898 307.

## DOCKET 50-409 LA CROSSE BOILING WATER REACTOR

### F. Security, medical, emergency & fire protection plans

9003090197 Revised emergency plan procedures, including Issue 13 to EPP-1, Issue 38 to EPP-2 & Issue 20 to EPP-3.  
Dairyland Power Cooperative. 90/02/26. 21pp. 52946 352-52947 012.

### H. General correspondence

9003140227 Lists changes to utility administrative staff. Administrative support to facility will be provided from headquarters & Genoa Station 3, located next to facility.  
BERG, W.L. Dairyland Power Cooperative. 90/03/05. Document Control Branch (Document Control Desk). 1p. 53019 001-53019 001.

### P. Operating license stage documents & correspondence

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195 069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23  
Consolidated Edison Co. of New York, Inc. 9pp 52776 262-52776 360

9002230283 NRC Info Notice 90-011, "Valve Deficiency Associated W/ Solenoid Operated Valves." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28  
Consolidated Edison Co. of New York, Inc. 9pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring & Interruption of Plant Communications." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/26  
Consolidated Edison Co. of New York, Inc. 9pp 52844 601-52844 609

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05  
Consolidated Edison Co. of New York, Inc. 9pp 52844 100-52844 198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Wastes." Svc list end.  
CURRY, G.H. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06  
Consolidated Edison Co. of New York, Inc. 8pp 52977 631-52977 091

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Regulation Control Structures Before Beginning Work in Agreement States." Svc list end.  
CURRY, G.H. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07  
Consolidated Edison Co. of New York, Inc. 9pp 52997 055-52997 169

9003010227 NRC Info Notice 90-016, "Compliance With Decommissioning Rule." Svc list end.  
BANGART, R.L. Division of Low Level Waste Management & Decommissioning (Post 870413) 90/03/07  
Consolidated Edison Co. of New York, Inc. 9pp 52997 268-52997 018

9003010293 Suppl 2 to NRC Info Notice 90-016, "Suppliers of Potentially Misrepresented Fasteners." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07  
Consolidated Edison Co. of New York, Inc. 10pp 52844 199-52844 298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copied Vulcan Valves." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 10pp 52963 056-52963 159

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crisis Safety Hold Valves Used on Diesel Generator Air Start Recovery Tanks." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/04  
Consolidated Edison Co. of New York, Inc. 10pp 52963 260-52963 291

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 10pp 52963 300-52963 048

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc. 9pp 52997 190-52997 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20  
Consolidated Edison Co. of New York, Inc. 8pp 53035 129-53035 226

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list end.  
CURRY, G.H. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22  
Consolidated Edison Co. of New York, Inc. 9pp 53166 057-53166 147

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 10pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list end.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 10pp 53165 007-53165 168

#### R. Periodic operating reports & related correspondence

9002220540 "LACBWR Annual Rept. 1989." W/800201 tr.  
BERG, W.L. Daryland Power Cooperative. 89/12/31 7pp. 52714 006-52714 012

9003160184 "Radioactive Effluent & Radiological Environ Monitoring Rept for 1989." W/900225 tr.  
BERG, W.L. Daryland Power Cooperative. 89/12/31 DAVIS, A.B. Region 3, Ofc of the Director. 76pp 53041 178-53041 254

#### DOCKET 50-410 NINE MILE POINT NUCLEAR STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002260023 Ack receipt of 891107 response to Genenc Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs." Action considered complete. Safeguards contingency procedures & implementation may be subj of future insp.  
MARTIN, R.E. Project Directorate 1-1 90/02/16 BURKHARDT, L. Niagara Mohawk Power Corp 2pp. 52711 142-52711 143

9003080324 Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday 18pp 52990 252-52990 264

9003120104 Forwards correspondence re status of emergency planning around sites W/0 and  
KAMMERER, C. Ofc of Congressional Affairs (Info 870413) 81/03/26 OTTINGER, H.L. House of Rep. Energy & Commerce 1p. 52990 298-52990 295

9003120550 Forwards Safety Insp Repts 50-220/89-01 & 50-410/90-01 on 900123-26 No violations noted  
DELLAMY, R.H. Region 1, Ofc of the Director 90/02/28 BURKHARDT, L. Niagara Mohawk Power Corp 2pp 52988 166-52988 174

9003120554 Safety Insp Repts 50-220/89-01 & 50-410/90-01 on 900123-26 No violations noted Major areas inspected emergency preparedness, program including review of previously identified findings & evaluation & final controls  
SCRODNY, C. Region 1, Ofc of the Director 90/02/26 7pp 52988 168-52988 174

9003160290 Forwards Insp Repts 50-220/89-01 & 50-410/89-22 on 89-214-900131 & notice of violation  
LIVILLE, J.C. Region 1, Ofc of the Director 90/03/09 BURKHARDT, L. Niagara Mohawk Power Corp 3pp 53040 120-53040 142

9003160296 Insp Repts 50-220/89-01 & 50-410/89-22 on 89-214-900131 Violations noted Major areas inspected plant operations, radiological protection surveillance & emergency preparedness security, engineering & technical support  
MEYER, G.W. Region 1, Ofc of the Director 90/03/09 18pp 53041 105-53041 142

9003260555 Forwards Insp Repts 50-220/89-02 & 50-410/89-02 on 90026128529 progress in reducing excessive number of 11 annunciators in control room & 7 key results in progress in determining boiler problem solving method  
LIVILLE, J.C. Region 1, Ofc of the Director 90/03/15 BURKHARDT, L. Niagara Mohawk Power Corp 2pp 53189 114-53189 132

9003260557 Insp Repts 50-220/89-02 & 50-410/89-02 on 90026128529 Violations noted Major areas inspected radiological protection plant operations surveillance & emergency preparedness security, engineering & technical support  
MEYER, G.W. Region 1, Ofc of the Director 90/03/14 18pp 53189 112-53189 152

#### H. General correspondence

9002220520 Response to 900110 Ltr re human concerns regarding several outages of Unit 2 that occurred in O. 1989 Action taken & insp program of plant underway including review of three Ltr re incident aspects  
TAYLOR, J.M. Ofc of the Executive Director for Operations 90/02/26 ECH-LETT S. House of Rep. 5pp 52718 050-52718 019

9002220536 Forwards Comments 891029 Ltr expressing concern about safety at facility & requesting investigation  
ROSE, H.E. House of Rep. 90/01/10 CARR, K.M. Commissioners 5pp 52718 065-52718 019

9003080324 Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday 18pp 52990 252-52990 264

9003080325 Comments on 810415 consultant Ltr re compliance imposed on Niagara Mohawk Power Corp.  
DIRCKS, W.J. Ofc of the Executive Director for Operations 91/05/19 D'AMATO, A. Senate 3pp 52950 282-52950 289

9003080329 Requests NRC consideration of Ltr consultant Ltr  
D'AMATO, A. Senate 81/04/28 NRC - No Deliberate Attribution Given. 3pp 52950 285-52950 287

#### O. Advisory Committee on Reactor Safeguards reports & correspondence

8910060263 Summarizes 352nd ACHS meeting on 890810-11 Encl Ltr re proposed resolution of Generic Issue 79 prepared & ACHS discuss to review proposed test of facility noted Future agenda items listed  
REMIC, K.F. J. ACHS - Advisory Committee on Reactor Safeguards. 89/09/05 CARR, K.M. Commissioners 2pp 52818 012-52818 014

#### P. Operating license stage documents & correspondence

8906220158 Discussions 890517-18 meetings of NRC senior managers re performance of operating nuclear power reactors discussed by NRC Plant categorized as requiring continued close monitoring Summary of NRC discussions re plant provided  
STELLO, V. Ofc of the Executive Director for Operations 89/05/26 COX, LON, W. Niagara Mohawk Power Corp 3pp 52988 176-52988 178

9002260024 Summarizes discussions re plant at NRC senior managers 900122 & 23 meeting for review of nuclear power plants licensed to operate by NRC Plant categorized as continuing to require close monitoring  
TAYLOR, J.M. Ofc of the Executive Director for Operations 90/02/12 ENDRÉS, J.M. Niagara Mohawk Power Corp 3pp 52713 222-52713 224

9003050171 Response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Svc water sys & other involved safety-related sys will be analyzed by end of second tubing outage  
TERRY, C.D. Niagara Mohawk Power Corp. 90/02/16 Document Control Branch (Document Control Desk). 3pp 52846 306-52846 308

9003070390 Forwards completed NRC regulatory impact survey for: Generic Ltr 90-01, "Request for Voluntary Participation in NRC Impact Survey."  
BERATTA, J.P. Niagara Mohawk Power Corp. 90/02/23 Information & Records Management Branch (Post 890827) 5pp 52889 315-52889 319

3160198 Forwards Rev 1 to Relief Request RR-IWB-4 for main stream & headwater open integral attachments to miscellaneous support response to discrepancy and between two wild numbers  
NRYC.O. Niagara Mohawk Power Corp. 90/02/27 Document Control Branch (Document Control Desk) 3pp. 53035 271-53035 273

3150330 Forwards "Semiannual Radiactive Effluent Release Rept for Jul-Dec 93" & Rev 3 to Administrative Procedure AP 371, "Unit 2 Radwaste Process Control Program"  
JLIS J.L. Niagara Mohawk Power Corp. 90/03/02 Document Control Branch (Document Control Desk) 1p 53021 256-53022 095

3150343 Rev 3 to Administrative Procedure AP 371, "Unit 2 Radwaste Process Control Program"  
JLIS J.L. Niagara Mohawk Power Corp. 89/09/12 38pp. 53021 331-53022 308.

090470 Notification of 900307 meeting w/GE in Rockville MD to discuss potential reactor upgrades  
RITCOW J.G. Associate Director for Projects (Post 870411) 90/01/05. MJRR. E.L. RAGLIA R. CRITCHFIELD D. NRC - No Defined Affiliation Given 2pp. 52145 232-945 233

230377 Rev 5A to App B to NRC, DATR-1, "Interpretations & Exceptions of App Documents"  
AEMER R.J. Niagara Mohawk Power Corp. 90/03/14 2pp. 53174 198-53174 129

220203 Forwards App U to SSEH to accept all 891010 submittal of turbine system program based on proprietary GE repl. "Probability of Missile Generation - No insps intervals can be established at a repeating yr."  
RITCOW J.G. Project Directorate 11 90/03/15 BURKHARDT L. Niagara Mohawk Power Corp. 3pp. 53132 261-53132 270

3280311 App U to SSEH to reprobability of missile generation in GE nuclear turbines  
NRC - No Defined Affiliation Given 90/03/15 10pp. 53132 261-53132 270

230214 Notification of 900223 meeting w/GE in Rockville MD to discuss status of 2nd cycle main turbine repairs & other reactor matters  
RITCOW J.G. Project Directorate 11 90/03/15. MURPHY T. CHILDEW L. RAGLIA R. NRC - No Defined Affiliation Given 1p 53174 198-53174 201

160389 General Dir 90093 to all power reactor licensees & applicants to reprobation of 1st position in General Dir 90020 item 2.2 Part 2 "Vendor Related to Safety Related Components" - See list encl  
RITCOW J.G. Associate Director for Projects (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 10pp. 52963 005-52963 089

#### inspection reports, IE Bulletins & correspondence

900230 Advises that 900110 response to NRC Bulletin 90060 "Address Common Cause of High Hardness Type 419 Stainless Steel Internal Pressurized Bolts in Operating Model S350W Steam Lines Values" is acceptable  
RITCOW J.G. Project Directorate 11 90/02/15 BURKHARDT L. Niagara Mohawk Power Corp. 2pp. 52735 344-52736 345

60023 Accept receipt of 891010 response to General Dir 89007, "Power Reactor Guards Contingency Planning for Surface Vibration Bolts" Action considered "Safe Safeguards contingency procedures & implementation may be subject of future

INRRE Project Directorate 11 90/02/16 BURKHARDT L. Niagara Mohawk Power Corp. 2pp. 52711 142-52711 143

600293 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-352" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 9pp. 52776 262-52776 160

90024 Partial response to FOIA request for documents Listed App B documents used Apps A & B documents available in PDR & Publications Services (Post 205) 90/02/28 WEBER M.A. New York Newsday 18pp. 52900 252-52900 284

060376 Forwards announcement that bill has agreed to pay reduced fine of 5,000 to NRC for violations identified in operation of plant W-1  
HYERER C. Office of Congressional Affairs (Pre 870413) 89/01/23 UDALL M. So. of Rep. Interior & Insular Affairs SIMPSON A. Senate 1p. 52990 274-32 274.

130162 Forwards announcement that NRC has cited bill for alleged violations at W-1  
HYERER C. Office of Congressional Affairs (Pre 870413) 84/03/21. INGER R.L. House of Rep. Energy & Commerce MARKEY E. House of Rep. IN HAN D. Senate 1p. 52991 055-52991 055.

30283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid Oper. Valves" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp. 52776 163-52776 261.

30379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communication" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp. 52844 001-52844 089.

20550 Forwards Safety Insp Repts 50-220/90-01 & 50-410/90-01 on 900123 violations noted  
JAMY R.R. Region 1, Ofc of the Director 90/02/28. BURKHARDT L. Niagara Mohawk Power Corp. 2pp. 52968 166-52968 174

120554 Safety Insp Repts 50-220/90-01 & 50-410/90-01 on 900123-26. No violations noted Major areas inspected emergency preparedness program including review previously identified insp findings & organization & mgmt controls  
DON C.Z., LAZARUS W.J. Region 1, Ofc of the Director. 90/02/28. 7pp. 8168-52888 174

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 9pp. 52844 100-52844 108

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mails" - See list encl  
CUNNINGHAM R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06 Consolidated Edison Co. of New York, Inc. 8pp. 52997 001-52997 084

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Districts Before Beginning Work in Agreement States" - See list encl  
CUNNINGHAM R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 9pp. 52997 005-52997 189

3003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule" - See list encl  
BARGARTE L. Division of Low Level Waste Management & Decommissioning (Post 872419) 90/03/07 Consolidated Edison Co. of New York, Inc. 9pp. 52997 288-52997 018

9003010203 Supply to NRC Info Notice 89-059 "Suppliers of Potentially Misrepresented Customers" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 10pp. 52844 181-52844 238

9003020211 NRC Info Notice 90-017, "Weight & Ole of Gravity Discrepancies for Open-Valve Vents" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 10pp. 52963 005-52963 193

9003160290 Forwards Insp Repts 50-220/90-01 & 50-410/90-02 on 900124 900313 3rd cycle violation  
RITCOW J.G. Region 1, Ofc of the Director 90/03/08 BURKHARDT L. Niagara Mohawk Power Corp. 1pp. 53040 120-53040 142

9003160296 Insp Repts 50-220/90-01 & 50-410/90-02 on 900124 900313 Violations noted Major areas inspected radiological protection plant operations surveillance & maintenance preparedness security & emergency & technical support  
RITCOW J.G. Region 1, Ofc of the Director 90/03/08 18pp. 53040 125-53040 142

9003050041 NRC Info Notice 90-018, "Potential Problems W/ Postby Safety Relief Valves Location Data - Correction for Start Number Labels" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 10pp. 52963 005-52963 299

9003050148 NRC Bulletin 90-001 "Loss of FCCM & Transmitters Mgt by Rosemount" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 10pp. 52963 005-52963 044

9003060213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Release when Spray at PWR is High" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 9pp. 52997 190-52997 297

9003220203 Forwards App U to SSEH to accept all 891010 submittal of turbine system program based on proprietary GE repl. "Probability of Missile Generation - No insps intervals can be established at a repeating yr."  
RITCOW J.G. Project Directorate 11 90/03/15 BURKHARDT L. Niagara Mohawk Power Corp. 3pp. 53132 261-53132 270

9003280011 App U to SSEH to reprobability of missile generation in GE nuclear turbines  
NRC - No Defined Affiliation Given 90/03/15 10pp. 53132 261-53132 270

9003260555 Forwards Insp Repts 50-220/90-02 & 50-410/90-02 on 900201 28 Slow progress in reducing excessive number of IE annunciators in control room & mixed results in progress in demonstrating better problem solving noted  
RITCOW J.G. Region 1, Ofc of the Director 90/03/15 BURKHARDT L. Niagara Mohawk Power Corp. 3pp. 53189 114-53189 132

9003260557 Insp Repts 50-220/90-02 & 50-410/90-02 on 900201 28 Non cited violations noted Major areas inspected radiological protection plant operations surveillance & maintenance emergency preparedness security & emergency & technical support  
RITCOW J.G. Region 1, Ofc of the Director 90/03/14 16pp. 53189 117-53189 132

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Blow" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 9pp. 53035 129-53035 226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" - See list encl  
CUNNINGHAM R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 9pp. 53166 057-53166 147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 10pp. 53132 001-53132 103

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units" - See list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 10pp. 53165 037-53165 108.

#### R. Periodic operating reports & related correspondence

9002260152 "NPOES/SPOES Discharge Monitoring Rept for Jul-Dec 1989" W/900209  
JLIS J.L. Niagara Mohawk Power Corp. 89/12/31 15pp. 52761 256-52761 270.

9003070145 "Annual Tabulation of Occupational Exposure Rept & 10CFR20 407(a)(2) Rept for 1989" W/900227 ltr.  
WILLIS,J.L. Niagara Mohawk Power Corp. 89/12/31. 5pp. 52891.106-52891.110

9003160014 Monthly operating rept for Jan 1990 for Nine Mile Point Unit 2 W/900212 ltr.  
SAUNDERSON,R., WILLIS,J.L. Niagara Mohawk Power Corp. 90/01/31. 6pp. 53049 237-53049.242

9003270023 Monthly operating & shutdown rept for Feb 1990 for Nine Mile Point Unit 2 W/900315 ltr.  
SAUNDERSON,R., WILLIS,J.L. Niagara Mohawk Power Corp. 90/02/28. 6pp. 53164-166-53164.171

9003160330 Forwards "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989" & Rev 3 to Administrative Procedure AP 3.7.1, "Unit 2 Radwaste Process Control Program"  
WILLIS,J.L. Niagara Mohawk Power Corp. 90/03/02. Document Control Branch (Document Control Desk). 1p. 53021.298-53022.008

-9003160337 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989"  
Niagara Mohawk Power Corp. 89/12/31. 32pp. 53021.289-53021.330

-9003160343 Rev 3 to Administrative Procedure AP 3.7.1, "Unit 2 Radwaste Process Control Program"  
WILLIS,J.L. Niagara Mohawk Power Corp. 89/09/12. 38pp. 53021.331-53022.008

### 9. Reportable occurrences, LERs & related correspondence

9003202160 LER 90-002-00 on 900118, spurious reactor scram experienced due to low reactor water level signal caused by hydraulic surge within instrument line connected to high side of differential pressure transmitter W/900220 ltr.  
LAGOEL, L. WILLIS,J.L. Niagara Mohawk Power Corp. 90/02/20. 6pp. 52829.179-52829.184

9003130590 LER 90-003-00 on 900128, ESF actuation of nuclear steam supply shutoff sys occurred causing initiation of RHR A & isolation of RWCU caused by poor work practices. Lessons learned transmitted developed W/900227 ltr.  
COLOMB,M.J., WILLIS,J.L. Niagara Mohawk Power Corp. 90/02/27. 6pp. 52998.029-52998.034

9003120370 Special rept on 900129, Div 1 emergency diesel generator voluntarily secured due to fuel leak on right fuel injector pump 4. Caused by through-wall crack on fuel injector pump delivery valve holder. Holder replaced.  
WILLIS,J.L. Niagara Mohawk Power Corp. 90/02/28. Document Control Branch (Document Control Desk). 2pp. 52975.344-52975.345

9003120407 Special rept on 900213, stack gaseous effluent monitoring sys placed in inoperable status for more than 72 h. Caused by need to perform instrument calibr once per refuel cycle. Scheduling will be revised to prevent recurrence.  
WILLIS,J.L. Niagara Mohawk Power Corp. 90/03/02. Document Control Branch (Document Control Desk). 2pp. 52975.350-52975.351

9003160117 LER 90-004-00 on 900201, reactor scram occurred due to low reactor water level signal generated as result of valving level transmitter prior to isolating test connection. Caused by personnel error. Scram signal reset W/900305 ltr.  
LAGOEL, L. WILLIS,J.L. Niagara Mohawk Power Corp. 90/03/05. 5pp. 52998.074-52998.078

9003200094 LER 90-005-00 on 900208, unit experienced actuations of ESF & isolations of RWCU sys. Cause not determined. Isolation signal reset & RWCU sys returned to svc. W/900308 ltr.  
CONWAY,J., WILLIS,J.L. Niagara Mohawk Power Corp. 90/03/08. 5pp. 53144.013-53144.017

### U. Congressional/Executive Correspondence

9001170084 Advises that US Court of Appeals for First Circuit Court agrees that NRC appropriately issued subpoena to SB Company to protect public health & safety & not in bad faith per encl decision.  
CORDES,J.F. Solicitor (Post 86070). 89/12/05. BREAU,X.J.B. Senate, Environment & Public Works. 21pp. 52520.316-52520.336

9003090324 Partial response to FOIA request for documents. Listed App B documents enclosed Apps A & B documents available in PDR.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/28. WEBER,M.A. New York Newsday. 16pp. 52990.252-52990.284

-9003090375 Forwards announcement that util has agreed to pay reduced fine of \$215,000 to NRC for violations identified in operation of plant. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/03/23. UDALL,M. House of Rep., Interior & Insular Affairs. MOFFETT,T., OTTINGER,R.L. House of Rep. 1p. 52890.274-52890.274

-9003120104 Forwards correspondence re status of emergency planning around sites. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/08/26. OTTINGER,R.L. House of Rep., Energy & Commerce. 1p. 52990.298-52990.298

-9003120187 Forwards announcement that NRC has assigned resident inspector to facility. Unit 2 W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 81/10/14. OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52990.303-52990.303

-9003120808 Forwards announcement re util alleged failure to assure adequate implementation of part of QA program at facility. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/04/27. OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.K. House of Rep. 3pp. 52991.024-52991.028

-9003120837 Forwards announcement that NRC considering application submitted by util for license to operate Unit 2 W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/05/13. OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M.K. House of Rep. 1p. 52991.029-52991.029

-9003120867 Forwards announcement that NRC will hold public meeting on environmental aspects of proposed OL on 830802 W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/07/22. SIMPSON,A. Senate, Environment & Public Works. OTTINGER, UDALL. House of Rep. 1p. 52991.033-52991.033

-9003130182 Forwards announcement that NRC has cited util for alleged violations at facility. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/03/21. OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M. House of Rep. 1p. 52991.055-52991.055

-9003130302 Forwards announcement that NRC issued DES on environmental considerations associated w/ util application for OL. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/08/15. OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL, House of Rep. 1p. 52991.064-52991.064

-9003130407 Forwards announcement that ACRS subcommittee will conduct technical meeting on 850220-21 to discuss application of util for license to operate plant. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 85/01/25. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL. House of Rep. 1p. 52991.075-52991.075

-9003130438 Forwards announcement that starting time of technical meeting of ACRS subcommittee scheduled for 850220-21 has been changed to listed time. W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 85/02/15. OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL, House of Rep. 1p. 52991.078-52991.078

### V. Operator Examinations

9003160292 Forwards results of generic fundamentals exam section of written operator licensing exams administered on 900207, including answer keys, grading results for facility & individual answer sheets for each examinee.  
GALLOR,M. Region 1, Ofc of the Director. 90/03/05. RIVERS,A. Niagara Mohawk Power Corp. 88pp. 53031.014-53031.101

### DOCKET 50-412 BEAVER VALLEY POWER STATION, UNIT 2

#### E. NRC Safety Evaluation Report (SER), supplements & correspondence

9002260531 Advises that util may decide to revise emergency operating procedure (EOP) procedure generation package (PGP) based on safety evaluation submitted via Unit 2 SER 5 (NUREG-1057, Suppl 5) & insps but need not submit PGP rev to NRC.  
TAMPS, Project Directorate I-4. 90/02/16. SIEBER,J.D. Duquesne Light Co. 2pp. 52747.333-52747.334

#### F. Security, medical, emergency & fire protection plans

9002220636 Discusses 800110 safeguards event re 90-day calibr test procedure for primary access facility firearms detector. Event downgraded to less significant category.  
SIEBER,J.D. Duquesne Light Co. 90/02/01. Document Control Branch (Document Control Desk). 2pp. 52705.343-52705.344

9002220655 Documents transmittal of ref matts in support of planned insp of Unit 2 emergency operating procedures. List of ref matts sent to Region 1 encl.  
GRADA,K.D. Duquesne Light Co. 90/02/06. Document Control Branch (Document Control Desk). 2pp. 52705.255-52705.256

9002270314 Forwards Final SALP Repts 50-334/88-99 & 50-412/88-99 for June 1998. Aug 1989. Types & editorial corrections made after review of encl 900103 response to SALP rept list of meeting attendees & 891124 transmittal ltr also encl.  
RUSSELL,W.T. Region 1, Ofc of the Director. 90/02/13. SIEBER,J.D. Duquesne Light Co. 3pp. 52759.170-52759.211

-9002270316 SALP Repts 50-334/88-99 & 50-412/88-99 for June 1988. Aug 1988. Region 1, Ofc of the Director. 90/02/13. 35pp. 52759.173-52759.211

9002270379 Forwards Combined Safety Insp Repts 50-334/89-23 & 50-412/89-22 on 891118 1231 & notice of violation. Response re failure to follow written procedures that apparently led to Unit 1 safety injection actuation requested.  
WENZINGER,E.C. Region 1, Ofc of the Director. 90/02/15. SIEBER,J.D. Duquesne Light Co. 2pp. 52759.224-52759.243

-9002270387 Combined Insp Repts 50-334/89-23 & 50-412/89-22 on 891118 1231. Violation noted. Major areas inspected: licensee actions on previous insp findings, plant operations, security, radiological controls, plant housekeeping & fire protection.  
YOUNG,F. Region 1, Ofc of the Director. 90/02/15. 17pp. 52759.227-52759.243

9002260531 Advises that util may decide to revise emergency operating procedure (EOP) procedure generation package (PGP) based on safety evaluation submitted via Unit 2 SER 5 (NUREG-1057, Suppl 5) & insps but need not submit PGP rev to NRC.  
TAMPS, Project Directorate I-4. 90/02/16. SIEBER,J.D. Duquesne Light Co. 2pp. 52747.333-52747.334

9003270373 Forwards Safety Insp Repts 50-334/90-02 & 50-412/90-02 on 900101-0218. No violations noted.  
WENZINGER,E.C. Region 1, Ofc of the Director. 90/03/09. SIEBER,J.D. Duquesne Light Co. 2pp. 53193.092-53193.108

-9003270375 Insp Repts 50-334/90-02 & 50-412/90-02 on 900101-0218. No violations noted. Major areas inspected: actions on previous insp findings, plant operations, security, radiological controls, plant housekeeping & fire protection.  
HERNAN,R. Region 1, Ofc of the Director. 90/03/09. 15pp. 53193.094-53193.108

perating license stage documents & correspondence

080473 Forwards update of status of actions to be taken at plant to meet requirements of Generic Ltr 88-14, "Instrument Air Sys Problems Affecting Safety-Related Equipment".  
SIEBER, J.D. Duquesne Light Co 90/02/14 Document Control Branch (Document not Desk) 2pp 52895 325-52896 331

260531 Advises that it may decide to revise emergency operating procedure (EOP) procedure generation package (PGP) based on safety evaluation submitted via 2 SSER 5 (NUREG-1057, Suppl 5) & insps but need not submit PGP rev to NRC.  
M.P.S. Project Directorate 1-4 90/02/16 SIEBER, J.D. Duquesne Light Co 2pp 747 333-52747 334

090008 Forwards Amend 27 to License NPF-73 & safety evaluation. Amend revises in Specs to delete all stoppoint operability & surveillance requirements on steam/water in small trip function.  
M.P.S. Project Directorate 1-4 90/02/20 SIEBER, J.D. Duquesne Light Co 3pp 456 013-52946 016

3030011 Amend 27 to License NPF-73, revising Tech Specs to delete a stoppoint operability & surveillance requirements on steam/water in small trip function.  
J.L.J.F. Project Directorate 1-4 90/02/20 9pp 52946 004-52946 012

3000012 Safety evaluation supporting Amend 27 to License NPF-73.  
Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/20 4pp 416 013-52946 016

310130 Advises that 900129 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," acceptable.  
M.P.S. Project Directorate 1-4 90/02/22 SIEBER, J.D. Duquesne Light Co 2pp 26 330-52780 331

50371 Forwards WCAP-12406 "Analysis of Capsule U From Duquesne Light Co Beaver Valley Unit 2 Reactor Vessel Radiation Surveillance Program." Rept provides summary of results of fracture toughness tests conducted on capsule.  
SIEBER, J.D. Duquesne Light Co 90/02/23 Document Control Branch (Document not Desk) 1p 53026 220-53026 326

3150384 Analysis of Capsule U From Duquesne Light Co Beaver Valley Unit 2 Reactor Vessel Radiation Surveillance Program.  
SIEBER, J.A. ANDERSON, S.L. ALBERTINI, L. Westinghouse Electric Corp. WCAP-12406 89/02/20 105pp 52026 221-53026 328

40205 Summary of 900222 meeting w/UT in station backlogs re: re-allocated mgt. scheme. List of intended agenda & supporting documentation enc.  
SAF. Electrical Systems Branch 90/03/06 Electrical Systems Branch 15pp 49 016 53049 030

60331 Forwards corrected Page 3 to SER supporting Amend 27 to License NPF-73.  
M.P.S. Project Directorate 1-4 90/03/06 SIEBER, J.D. Duquesne Light Co 1p 32 214-53060 216

160032 Corrected Page 3 to SER supporting Amend 27 to License NPF-73.  
Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/06 2pp 30 215-53060 216

50229 Notification of 900322 meeting w/UT in Backville, MD to discuss licensing.  
M.P.S. Project Directorate 1-4 90/03/08 STOLZ, J.F. Project Directorate 1-4 3pp 15 259-53025 261

10018 Forwards understanding of current status of all unimplemented USIs for Upper Generic Ltr 89-21 & License 891127 response.  
M.P.S. Project Directorate 1-4 90/03/13 SIEBER, J.D. Duquesne Light Co 3pp 43 324-53093 326

10089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of position in Generic Ltr 90-28, Item 2, Part 2, "Vendor interface for Safety-Related Components." Svc list encl.  
TLOW, J.G. Assoc. for Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53185 014-53185 089

section reports, IE Bulletins & correspondence

70855 Documents transmittal of ref mail in support of planned insp of Unit 2 emergency operating procedures. List of ref mails sent to Reg on 1 encl.  
D.A.K.D. Duquesne Light Co 90/02/06 Document Control Branch (Document not Desk) 2pp 52705 255-52705 256

0580 Responds to NRC 900111 ltr re violation noted in Insp Repts 50-334/89-22 412/89-21. Corrective actions inoperable train of cold overpressure protection sys tied to svc.  
E.R.J.D. Duquesne Light Co 90/02/12 Document Control Branch (Document not Desk) 2pp 52721 039-52721 040

0314 Forwards Final SALP Repts 50-334/88-99 & 50-412/88-99 for June 1988 - 1989 Typos & additional corrections made after review of encl 900103 response to re: List of meeting attendees & 891124 transmittal ltr encl.  
SELL, W.T. Region 1, Ofc of the Director 90/02/13 SIEBER, J.D. Duquesne Light Co 2pp 52759 170-52759 211

70318 SALP Repts 50-334/88-99 & 50-412/88-99 for June 1988 - Aug 1989.  
Region 1, Ofc of the Director 90/02/13 35pp 52759 173-52759 211

0263 Responds to NRC 900118 ltr re violations noted in Insp Repts 50-334/89-50 412/89-20. Corrective action maint & insp control work package for second steam generator work tasks will be developed & implemented.  
E.R.J.D. Duquesne Light Co 90/02/15 Document Control Branch (Document not Desk) 8pp 52739 190-52739 187

0296 Advises that 900130 response to NRC Bulletin 89-003, "Potential Loss of Red Shutdown Margin During Refueling Operations," acceptable.  
M.P.S. Project Directorate 1-4 90/02/15 SIEBER, J.D. Duquesne Light Co 2pp 30 331-52899 032

9002270379 Forwards Combined Safety Insp Repts 50-334/89-23 & 50-412/89-22 on 891118-1231 & notice of violation Response re failure to follow written procedures that apparently led to Unit 1 safety injection actuation requested.  
WENZINGER, E.C. Region 1, Ofc of the Director 90/02/15 SIEBER, J.D. Duquesne Light Co 2pp 52759 224-52759 243

-9002270383 Notice of violation from insp on 891118-1231 Violation noted Train A of cold state protection sys returned to svc w/o low pressurizer pressure & low steam line pressure safety injection signal blocked.  
Region 1, Ofc of the Director 90/02/15 1p 52759 224-52759 228

-9002270387 Combined Insp Repts 50-334/89-23 & 50-412/89-22 on 891118-1231 Violation noted Major areas inspected licensee actions on previous insp findings plant operations, security, radiological controls, plant housekeeping & fire protection.  
YOUNG, F. Region 1, Ofc of the Director 90/02/15 17pp 52759 227-52759 243

9002260531 Advises that it may decide to revise emergency operating procedure (EOP) procedure generation package (PGP) based on safety evaluation submitted via Unit 2 SSER 5 (NUREG-1057, Suppl 5) & insps but need not submit PGP rev to NRC.  
M.P.S. Project Directorate 1-4 90/02/16 SIEBER, J.D. Duquesne Light Co 2pp 52747 333-52747 334

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 360

9003070358 Forwards Insp Repts 50-334/89-80 & 50-412/89-80 on 890911-29 No violations or unresolved items noted Response to weakness identified in insp re: requested within 60 days of receipt.  
FODGES, M.W. Region 1, Ofc of the Director 90/02/26 SIEBER, J.D. Duquesne Light Co 2pp 52853 085-52853 133

-9003070368 Insp Repts 50-334/89-80 & 50-412/89-80 on 890911-29 No violations noted Weaknesses noted Major areas inspected adequacy of program procedures, status of facility equipment & observation of plant work in progress.  
CHAUDHARY, S.K., STROSNIDER, J. Region 1, Ofc of the Director 90/02/22 43pp 52853 087-52853 133

9003120569 Forwards Safety Insp Repts 50-334/90-03 & 50-412/90-03 on 900122-26 No violations noted Corrective actions re problems experienced w/aluminum cladding required further mgt attention & will be reviewed during future insp.  
DILLI, J.P. Region 1, Ofc of the Director 90/02/27 SIEBER, J.D. Duquesne Light Co 3pp 52974 125-52974 131

-9003120581 Insp Repts 50-334/90-03 & 50-412/90-03 on 900122-26 No violations noted Major areas inspected review of status of two previously identified open items & adequacy of licensee corrective actions.  
DILLI, J.P. ANDERSON, C.J. Region 1, Ofc of the Director 90/02/28 5pp 52974 127-52974 131

9002230283 NRC Info Notice 90-011, "Plant Emergency Associated W/ Selected Operational Values." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52844 001-52844 099

9003160139 Responds to NRC 900131 ltr re violations noted in Insp Repts 50-334/90-05 & 50-412/90-04 Requests withdrawal of violation re status passport problem & reclassification as noncompliance per 10CFR2 App C, Section G.  
SIEBER, J.D. Duquesne Light Co 90/03/02 Document Control Branch (Document not Desk) 4pp 53041 356-53041 360

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp 52844 160-52844 198

0003080382 Forwards draft info notice on potential safety concerns from leaking check valves for review & comment.  
FODGES, V. Generic Communications Branch 90/03/05 TAM, P. Office of Nuclear Reactor Regulation, Director (Post 870411) WILSON, P. Region 1, Ofc of the Director 8pp 52897 086-52897 093

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mails." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06 Consolidated Edison Co. of New York, Inc. 88pp 52997 001-52997 074

9003190188 Ack receipt of 900215 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-334/89-21 & 50-412/89-20.  
BELLAMY, R.R. Region 1, Ofc of the Director 90/03/06 SIEBER, J.D. Duquesne Light Co 2pp 53047 263-53047 273

9003010172 NRC Info Notice 90-015, "Reciprocity Notification on Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997 095-52997 189

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997 288-52997 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Partners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 288

9003020211 NRC info Notice 90-017, "Weight & Circ. Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08  
Consolidated Edison Co. of New York, Inc. 104pp 52963 095-52963 199

9003050043 NRC info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 100pp 52953 200-52953 259

9003050148 NRC Bulletin 90-001, "Loss of F.I. Ch. n Transmitters Mlg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 109pp 52563 300-52563 018

9003200237 Response to NRC 900207 ltr re deviations noted in Insp Repts 50-334/89-25 & 50-412/89-23. Corrective actions written request initiated to identify Unit 2 post-accident monitoring recorders in control room & recorders labeled  
SIEBER, J.D. Duquesne Light Co. 90/03/09 Document Control Branch (Document Control Desk) 4pp 53077 358-53077 361

9003270373 Forwards Safety Insp Repts 50-334/90-02 & 50-412/90-02 on 900101-0216 No violations noted  
WENZINGER, E.C. Region 1, OIC of the Director 90/03/09. SIEBER, J.D. Duquesne Light Co. 2pp 53193 092-53193 109

9003270375 Insp Repts 50-334/90-02 & 50-412/90-02 on 900101-0216 No violations noted. Major areas inspected actions on previous Insp findings, plant operations security, radiological control's, plant housekeeping & fire protection on  
HERNAN, R. Region 1, OIC of the Director 90/03/09 15pp 53193 094-53193 108

9003080213 NRC info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc. 98pp 52997 190-52997 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20  
Consolidated Edison Co. of New York, Inc. 99pp 53035 129-53035 226

9003160224 NRC info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Redwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 81pp 53166 057-53166 147

9003160306 NRC info Notice 90-021, "Potential Failure of Motor Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

9003190349 NRC info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108

#### R. Periodic operating reports & related correspondence

9003070326 Forwards "NPDES Discharge Monitoring Repts for Nov 1989," for Permits PA0025615 & PA0001589 & 891220 ltr  
DRUGA, R.J. Duquesne Light Co. 89/12/20 Document Control Branch (Document Control Desk) 3pp 52816 320-52816 343

9001050085 NPDES Monthly Monitoring Rept for Nov 1989  
DRUGA, R.J. Duquesne Light Co. 89/11/30 18pp 52816 323-52816 339

9003070333 NPDES Discharge Monitoring Rept for Nov 1989  
DRUGA, R.J. Duquesne Light Co. 89/11/30 3pp 52816 340-52816 343

9003050094 Annual Rept of Number of Personnel Receiving Greater Than 100 MREM & Associated Exposure by Work Function at Beaver Valley Power Station for CY89.  
W/900226 ltr  
SIEBER, J.D. Duquesne Light Co. 89/12/31 3pp 52836 286-52836 288

9003120091 "Beaver Valley Power Station Units 1 & 2 Semiannual Effluent Release Rept for 6-Month Period Jul-Dec 1989." W/900223 ltr  
SIEBER, J.D. Duquesne Light Co. 89/12/31 85pp 52975 215-52975 301

9002270389 Monthly operating repts for Jan 1990 for Beaver Valley Power Station Units 1 & 2 W/900209 ltr  
WINGER, M.A., SIEBER, J.D. Duquesne Light Co. 90/01/31 10pp 52744 351-52744 360

9003120035 Submit annual rept of all challenges to pressurizer PORVs or safety valves for 1989. No challenges occurred in either unit  
SIEBER, J.D. Duquesne Light Co. 90/02/28 Document Control Branch (Document Control Desk) 1p 52975 212-52975 212

9003190188 Monthly operating repts for Feb 1990 for Beaver Valley Units 1 & 2 W/900307 ltr  
WINGER, M.A., SIEBER, J.D. Duquesne Light Co. 90/02/28 9pp 53047 310-53047 318

#### S. Reportable occurrences, LERs & related correspondence

9002220059 LER 90-005-00 on 900209, six Limitorque Corp gear operators, Model HBC-1, found to contain defect in casting of limit stop housing. Housings machined to remove excess material reportable per Part 21 W/900214 ltr  
NOONAN, T.P. Duquesne Light Co. 90/02/14 8pp 52785 001-52785 009

9003020075 Part 21 rept re ABB 27/59 Relay Catalog Series 211L Solder connections to printed wiring runs on bottom of circuit board deteriorated due to thermal stress. No actual failure occurred & relays to be changed at next outage  
KAISER, A.F. ASEA Brown Boveri, Inc. 90/02/22 BERLINGER, C. Office of Nuclear Reactor Regulation, Director (Post 870411) 3pp 52788 341-52788 343

9003070020 Part 21 rept re solder connections in ABB 27/59 relays detected thermal stress causing bonding of printed wiring pattern to glass circuit board. Interim circuit board w/larger pads & higher wattage w/ be used  
KAISER, A.F. ASEA Brown Boveri, Inc. 90/02/22 BERLINGER, C. Generic Catalog Branch 3pp 52888 207-52888 209

9003200029 LER 90-005-01 on 900209, defect found in casting of Limit HBC-1 gear operators, causing valve motion to cease prematurely. direction Caused by excess material on housings also reported per Part 21 W/NOONAN, T.P. Duquesne Light Co. 90/03/09 8pp 53053 009-53053 017

9003210251 LER 90-002-03 on 900117, steam generator b Channel 3 pressure failed low & declared inoperable. On 900119, discovered that channel svc w/o completing required time response testing on transmitter W/NOONAN, T.P. Duquesne Light Co. 90/03/14 4pp 53100 001-53100 005

9003230129 LER 90-002-00 on 900217, steam generator b Channel 3 pressure failed low & declared inoperable. Caused by failure to complete Tech Spec post-mortem test. Post-mortem test procedure revised W/900314 ltr  
NOONAN, T.P. Duquesne Light Co. 90/03/14 5pp 53144 066-53144 090

#### V. Operator Examinations

9003070136 Advises that evaluation of recalculation program & license scheduled for wks of 900528 & 0604 NRC examiners w/ visit site approve advance of exams. Ref mail filed on enc. should be furnished  
ESELGROTH, P.W. Region 1, OIC of the Director 90/02/22 SIEBER, J.D. Duquesne Light Co. 17pp 52889 323-52889 339

#### DOCKET 50-413 CATAWBA NUCLEAR STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9002260395 Rev 90-1 to emergency plan W/930215 ltr  
GIVEN, T.B. Duke Power Co. 90/02/07 5pp 52720 350-52720 354

9002230521 Advises that 900102 Rev 33 to crisis mgt plan meets plan 10CFR50.47(a) & requirements of App E to 10CFR50.  
COLLINS, D.M. Region 2, OIC of the Director 90/02/09 TUCKER, H.B. Duke Power Co. 4pp 52716 207-52716 210

9002220511 EIPs consisting of HP/0/B/1009/08, "Containment Chamber Transportation of Individuals," HP/0/B/1009/09, "Guidelines for Accident Response" & HP/0/B/1009/19, "Emergency Radio Sys." W/9001 TUCKER, H.B. Duke Power Co. 90/02/12 44pp 52703 240-52703 281

9002260532 Revised crisis mgt plan implementing procedures, including RO & Rev 5 to EDA B W/900215 ltr  
HARRIS, R.E. Duke Power Co. 90/02/15 64pp 52726 087-52726 151

9003130711 Forwards public version of crisis mgt implementing procedures, including Rev 34 to CMP-1, Rev 25 to CMP-2, Rev 30 to CMP-4, Rev 34 to CMP-5 & Rev 38 to CMP-7.  
TUCKER, H.B. Duke Power Co. 90/02/19 Document Control Branch (Document Control Desk) 2pp 52893 001-52894 134

9003130721 Revised crisis mgt implementing procedures, including Rev 1, Rev 25 to CMP-2, Rev 30 to CMP-4, Rev 34 to CMP-5, Rev 39 to CMP-7.  
HARRIS, R.E. Duke Power Co. 90/02/15 492pp 52993 003-52994 134

9003210010 Forwards Insp Repts 50-413/90-04 & 50-414/90-04 on 900101-0216 No violations or deviations noted  
COLLINS, D.M. Region 2, OIC of the Director 90/02/22 TUCKER, H.B. Duke Power Co. 3pp 53104 058-53104 089

9003210012 Insp Repts 50-413/90-04 & 50-414/90-04 on 900101-0216 No violations or deviations noted. Major areas inspected: operational readiness of site emergency program, including review of organization & mgt control, training, equipment  
KREH, J.L., RANKIN, W.H. Region 2, OIC of the Director 90/02/16 8pp 53104 089

9003190070 Comments on SALP Repts 50-413/89-32 & 50-414/89-32 of radiological controls, maint/surveillance, security, safeguards & engineering support. Disputes conclusion that trend in safeguards area declining.  
TUCKER, H.B. Duke Power Co. 90/03/02 Document Control Branch (Document Control Desk) 8pp 53047 274-53047 281

#### P. Operating license stage documents & correspondence

9002260250 Forwards E Beckjord 880829 request for CRGR review of proposed ltr in response to request during 900108 & 16 meetings w/NRC for license modifications prior to issuance of Generic Ltr 89-10.  
MATTHEWS, D.B. Project Directorate II-3 90/02/05 TUCKER, H.B. Duke Power Co. 4pp 52720 273-52720 316

9002260365 Forwards Amends 70 & 64 to Licenses NPF-35 & NPF-52, safety evaluation Amends revise allowable lift setting tolerance in Tech Spec 3.7-2 for steam line safety valves.  
JABBOUR, K.N. Project Directorate II-3 90/02/15 TUCKER, H.B. Duke Power Co. 4pp 52726 328-52726 342

9002260367 Amends 70 & 64 to Licenses NPF-35 & NPF-52, respective allowable lift setting tolerance in Tech Spec Table 3.7-2 for steam line safety valves.  
MATTHEWS, D.B. Project Directorate II-3 90/02/15 6pp 52726 333-52726 337

9002260369 Safety evaluation supporting Amends 70 & 64 to Licenses NPF-35 & NPF-52, respectively.  
Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/15 52726 338-52726 342



9003130033 Amends 881128 applicat'on for amends to Licenses NPF-9 & NPF-17, carrying Tech Spec 6.2.3 re safety review group, per 900212 discussions w/NRC Listed criteria replace that of previous submittal  
TUCKER, H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Control Desk). 3pp. 52891.322-52891.324.

9002260071 Forwards proprietary response to NRC 890725 questions re VIPRE core thermal/hydraulic section of Topical Report DPC-NE-3000 & Rev 2 to Pages 3-69, 3-70, 3-78 & 3-79 of rept. Encls. withheld (ref 10CFR2.790).  
TUCKER, H.B. Duke Power Co. 90/02/20. Document Control Branch (Document Control Desk). 2pp. 52753.284-52753.285.

9003020241 Forwards revised proprietary pages to DPC-NE-2004, "Core Thermal Hydraulic Methodology Using VIPRE-01," reflecting minor methodology changes made during review & approval process. Pages withheld.  
TUCKER, H.B. Duke Power Co. 90/02/22. Document Control Branch (Document Control Desk). 2pp. 52816.205-52818.206.

9003090328 Forwards semiannual radioactive effluent release rept for Jul-Dec 1980 for McGuire Nuclear Station Units 1 & 2 & revised process control programs & offsite dose calculation manuals.  
TUCKER, H.B. Duke Power Co. 90/02/28. Document Control Branch (Document Control Desk). 4pp. 52952.053-52953.142.

9003090339 Rev 4 to, "Process Control Program, Catawba Nuclear Station."  
KECHUKWU, O.E., TAYLOR, J.C. Duke Power Co. 90/11/27. 47pp. 52952.142-52952.189.

9003090346 Rev 25 to, "Offsite Dose Calculation Manual, Catawba Nuclear Station."  
BIRCH, M.L., OWEN, T.B. Duke Power Co. 90/01/01. 47pp. 52952.304-52952.350.

9003090351 Rev 28 to, "Offsite Dose Calculation Manual, Oconee, McGuire & Catawba Nuclear Stations."  
BIRCH, M.L. Duke Power Co. 90/01/01. 62pp. 52953.081-52953.142.

9003140290 Requests extension to respond to Generic Ltr 90-01 re participation in regulatory impact survey until 900402.UH in process of completing questionnaires for all units.  
TUCKER, H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 53018.341-53018.341.

9003070294 Notification of 900313 meeting w/utl in Rockville, MD to discuss plans by utl to request Tech Spec change to increase allowable unidentified RCS leakage rate from 1 gpm to 3 gpm.  
HODD, D.S. Project Directorate II-3. 90/03/02. MATTHEWS, D.B. Project Directorate II-3. 4pp. 52887.317-52887.320.

9003160348 Notification of 900320 meeting w/B&W & utl in Rockville, MD to discuss reload status of B&W reload methods for plants.  
HSIL, Y. Reactor Systems Branch. 90/03/08. JONES, R.C. Reactor Systems Branch. 2pp. 53039.248-53039.249.

9003230082 Forwards rev to commitment re control of heavy loads. Rev allows station to operate reactor bldg polar crane during Modes 1-4 for certain maint activities.  
TUCKER, H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk). 6pp. 53128.351-53128.356.

9003230084 Forwards relief request for plant inservice testing program. Pending approval of relief request, interim relief for continued use of B&K 2611 Instrument for vibration measurement requested.  
TUCKER, H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk). 8pp. 53138.340-53138.348.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of safety position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.089.

9003260104 Forwards Amends 71 & 65 to Licenses NPF-35 & NPF-52, respectively & safety evaluation. Amends revise Tech Specs 3.1.3.5, Figure 3.1-1 & Basis 3/4.1.3 to modify fully withdrawn control rod bank insertion limits to 225 steps.  
JABBOUR, K.N. Project Directorate II-3. 90/03/21. TUCKER, H.B. Duke Power Co. 2pp. 53148.082-53148.088.

9003260108 Amends 71 & 65 to Licenses NPF-35 & NPF-52, respectively, revising Tech Specs 3.1.3.5, Figure 3.1-1 & Basis 3/4.1.3 to modify fully withdrawn control rod bank insertion limits from 228 steps to 225 steps.  
MATTHEWS, D.B. Project Directorate II-3. 90/03/21. 8pp. 53148.084-53148.096.

9003260111 Safety evaluation supporting Amends 71 & 65 to Licenses NPF-35 & NPF-52, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/21. 2pp. 53148.097-53148.098.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260334 Ack receipt of 900128 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-413/89-34 & 50-414/89-34.  
HERDT, A.R. Region 2, Oic of the Director. 90/02/05. TUCKER, H.B. Duke Power Co. 3pp. 52709.357-52709.359.

9002260084 Ack receipt of 891222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-413/89-29 & 50-414/89-29. Concludes that violation occurred as stated in notice of violation. Evaluation & conclusion encl.  
HERDT, A.R. Region 2, Oic of the Director. 90/02/08. TUCKER, H.B. Duke Power Co. 5pp. 52763.270-52763.274.

9002260325 Confirms arrangements made re 900222 enforcement conference in Region II oic to discuss inoperability of containment air return fan & circumstances surrounding opening of power lockout breaker to fan.  
REYES, L.A. Region 2, Oic of the Director. 90/02/07. TUCKER, H.B. Duke Power Co. 4pp. 52763.275-52763.278.

9002230542 Forwards Insp Repts 50-413/90-05 & 50-414/90-05 on 900103.23 Violation described in encl rept under consideration for escalated enforcement action. Enforcement conference to discuss violation scheduled for 900222. No notice issued.  
EBNETER, S.D. Region 2, Oic of the Director. 90/02/09. TUCKER, H.B. Duke Power Co. 3pp. 52715.191-52715.201.

9002230546 Insp Repts 50-413/90-05 & 50-414/90-05 on 900103.23. Violation noted. Major areas inspected event re open circuit breaker for containment air return fan motor which rendered fan inoperable.  
ORDERS, W.T., LESSER, M.S., SHYMLOCK, M.B. Region 2, Oic of the Director. 90/02/02. 8pp. 52715.194-52715.201.

9003140258 Requests approval for use of ASME Code Case N-461, "Alternative Rules for Piping Calcbr Block Thickness." Code case will be incorporated into inservice insp programs at facility.  
TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 3pp. 53010.214-53010.216.

9003210010 Forwards Insp Repts 50-413/90-04 & 50-414/90-04 on 900122.26 No violations or deviations noted.  
COLLINS, D.M. Region 2, Oic of the Director. 90/02/22. TUCKER, H.B. Duke Power Co. 3pp. 53104.056-53104.068.

9003210012 Insp Repts 50-413/90-04 & 50-414/90-04 on 900122.26 No violations noted. Major areas inspected: operational readiness of site emergency preparedness program, including review of organization & mgt control, training, equipment & facilities.  
KREH, J.L., RANKIN, W.H. Region 2, Oic of the Director. 90/02/16. 8pp. 53104.062-53104.069.

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.282-52776.360.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844.001-52844.098.

9003190070 Comments on SALP Repts 60-413/89-32 & 50-414/89-32 covering areas of radiological controls, maint/surveillance, security/ safeguards & engineering/technical support. Disputes conclusion that trend in safeguards area declining.  
TUCKER, H.B. Duke Power Co. 90/03/02. Document Control Branch (Document Control Desk). 8pp. 53047.274-53047.281.

9003210005 Forwards Insp Repts 50-413/90-03 & 50-414/90-03 on 891231. 900127 & notice of violation.  
HERDT, A.R. Region 2, Oic of the Director. 90/03/02. TUCKER, H.B. Duke Power Co. 3pp. 53093.279-53093.286.

9003210006 Notice of violation from Insp on 891231. 900127. Violation noted: licensees failed to establish measures for identification & control of design interface between auxiliary bldg ventilation.  
HERDT, A.R. Region 2, Oic of the Director. 90/03/02. 2pp. 53093.282-53093.283.

9003210007 Insp Repts 50-413/90-03 & 50-414/90-03 on 891231. 900127. Violations noted. Major areas inspected: routine resident insp of review of plant operations, surveillance & maint observation & review of LERs.  
ORDERS, W.T., LESSER, M.S., HOPKINS, P.C. Region 2, Oic of the Director. 90/03/02. 13pp. 53093.284-53093.296.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844.100-52844.198.

9003140373 Informs that until 900126 response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations" satisfactory.  
MATTHEWS, D.B. Project Directorate II-3. 90/03/05. TUCKER, H.B. Duke Power Co. 4pp. 53000.316-53000.319.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003180287 Responds to violation noted in Insp Rept 50-413/89-29. Corrective actions: design engineering personnel will review all safety-related ventilation sys differential pressure transmitters that indicate or control bldg pressurization.  
TUCKER, H.B. Duke Power Co. 90/03/06. Document Control Branch (Document Control Desk). 5pp. 53049.040-53049.044.

9003210131 Forwards notice of violation & enforcement conference summary re Insp Repts 50-413/90-05 & 50-414/90-05. Violation involved failure to maintain adequate procedures to preclude unauthorized operation of containment air return fan.  
EBNETER, S.D. Region 2, Oic of the Director. 90/03/06. TUCKER, H.B. Duke Power Co. 4pp. 53104.070-53104.107.

9003210134 Notice of violation from Insp on 900103.0123. Violation noted: procedures to maintain reactor safety & avoid unauthorized operation of 1B containment air return fan power lockout breaker inadequate.  
EBNETER, S.D. Region 2, Oic of the Director. 90/03/06. 34pp. 53104.074-53104.107.

9003010172 NRC Info Notice 90-015, "Reciprocity: Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp. 62997.095-62997.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule" Svc. list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52987-288-52998-019

9003010293 Suppl 2 to NRC Info Notice 89-053, "Suppliers of Potentially Misrepresented Fasteners" Svc. list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844-99-52844-298

9003020211 NRC Info Notice 90-017, "Weight & Clr of Gravity Discrepancies for Cope-Vulcan Valves" Svc. list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 104pp 52963-096-52963-199

9003210035 Forwards resp Repts 90-413/90-07 & 90-414/90-07 on 900212-16 No violations or deviations noted  
JULIAN, C.A. Region 2, O/c of the Director 90/03/08 TUCKER, H.B. Duke Power Co. 3pp 53104-212-53104-225

9003210036 Insp Repts 90-413/90-07 & 90-414/90-07 on 900212-16 No violations or deviations noted Major areas inspected: insurance insp (ISI) including ISI program in planning procedures & Unit 1 ISI plan for outage  
NEWSOME, R.W., BLAKE, J.J. Region 2, O/c of the Director 90/03/05 11pp 53164-215-53164-225

9003050043 NRC Info Notice 90-018, "Potential Problems W/Cresty Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc. list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52953-203-52953-299

9003050148 NRC Bulletin 90-050, "Loss of Fill Oil in Transformers Mfg by Rosemount" Svc. list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp 52963-309-52964-048

9003060297 Responses to NRC 90-0203 re violations noted in Insp Repts 90-413/90-01 & 90-414/90-01 Corrective actions re of request submitted & yearly calendar prepared to identify when notice of violation received & responses due.  
TUCKER, H.B. Duke Power Co. 90/03/09 Document Control Branch (Document Control Desk) 12pp 53300-039-53300-111

9003220108 Forwards resp Repts 90-413/90-02 & 90-414/90-02 on 900108-12 & 9006-50 & notice of violation V-channels to permit requirements elements to be included in response described in notice of violation  
COLLINS, D.M. Region 2, O/c of the Director 90/03/03 TUCKER, H.B. Duke Power Co. 3pp 53112-225-53112-249

9003220109 Notice of violation from Insp on 900108-12 & 9006-50 Violation noted: Unsealed failed to follow radiation protection procedures for contamination surveys  
COLLINS, D.M. Region 2, O/c of the Director 90/03/03 3pp 53112-225-53112-226

9003220112 Insp Repts 90-413/90-02 & 90-414/90-02 on 900108-12 & 9006-50 Violations noted Major areas inspected: radiation protection activities including review of: inspection organization & mgmt control's  
WRIGHT, J.H., POTTER, J.P. Region 2, O/c of the Director 90/03/07 14pp 53112-227-53112-249

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vn for Containment: Recirculation Spray at PWR Facilities" Svc. list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp 52937-90-52937-287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Charne Box Bow" Svc. list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 98pp 53035-129-53035-228

9003160297 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Raw Waste Incinerators" Svc. list encl.  
CLUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53166-057-53166-147

9003160308 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated" Svc. list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132-001-53132-100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actions Following Restoration of Power to Positioning Transmitter Trip Units" Svc. list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp 53165-037-53165-109

## R. Periodic operating reports & related correspondence

9003090216 "Semi-annual Radioactive Release Report for Jul-Dec 1989" W/900228 lr.  
TUCKER, H.B. Duke Power Co. 89/12/31 38pp 52964-151-52964-188

9003090387 Personnel monitoring rept for 1989 W/900228 lr.  
TUCKER, H.B. Duke Power Co. 89/12/31 5pp 52958-078-52958-082

9002230333 Forwards monthly operating repts for Jan 1990 & monthly operating status repts for Dec 1989 for Catawba Nuclear Station  
TUCKER, H.B. Duke Power Co. 90/02/15 Document Control Branch (Document Control Desk) 1p 52715-148-52715-157

9002230336 Monthly operating repts for Jan 1990 for Catawba Nuclear Station  
WILLIAMS, R.A. Duke Power Co. 90/01/31 10pp 52715-147-52715-156

9002230341 Monthly operating status repts for Dec 1989 for Catawba Nuclear Station  
\* Duke Power Co. 89/12/31, 1p 52715-157-52715-157

9003200167 Forwards monthly operating repts for Feb 1990 & revised page to monthly operating repts for Jan 1990.  
TUCKER, H.B. Duke Power Co. 90/03/15 Document Control Branch (Document Control Desk) 1p 53070-030-53070-041

9003200172 Monthly operating repts for Feb 1990 for Catawba Nuclear Station Units 1 & 2  
WILLIAMS, R.A. Duke Power Co. 90/02/26 10pp 55070-031-55070-040

9003200176 Corrected monthly operating repts for Jan 1990 for Catawba Nuclear Station Units 1 & 2 re personnel exposure  
\* Duke Power Co. 90/01/31 1p 53070-041-53070-041

## S. Reportable occurrences, LERs & related correspondence

9003120590 LER 90-003-00 on 900112 FSAR dose limits set for LOCA d/s/dose analysis could have been exceeded by 10% if LOCA occurred coincident w/loss of Tri-B electrical power. Caused by mgt deficiency Procedures revised W/900212 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/02/12 9pp 52974-62-52974-73

9002260392 LER 90-004-00 on 900104, control cabinet screws in non-safety related breaker found loose & in bottom of motor control circuit caused by mgt deficiency Loose screws secured Part 21 related W/900215 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/02/14 9pp 52972-032-52972-040

9003130002 LER 90-010-00 on 890331, Tech Spec 3.0.3 entered & analysis event data entered due to both loss of control room area ventilation sys being inoperable. Caused by failure of air and motor operating Motor replaced W/900215 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/02/15 6pp 52970-256-52970-256

9003000464 Analysis that add'l 2 weeks needed for completion of LER 413/90-12 Rept will be submitted on 900312  
OWEN, T.B. Duke Power Co. 90/02/28 Document Control Branch (Document Control Desk) 1p 52956-382-52956-312

9003080447 LER 90-025-00 on 900126, Tech Spec 3.0.3 entered due to inoperable power range nuclear instrumentation (PNRI) during unit shutdown. Caused by mgt deficiency Action taken prior to better anticipate & carry out PNRI unit W/900227 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/02/27 9pp 52956-050-52956-059

9003130627 LER 90-031-00 on 890727 during thunderstorms refueling water storage tank low level computer alarms received on channels 1 & 4 Caused by wiring short in or near sub tank. Transmitter replaced W/900302 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/02 1pp 52970-272-52970-277

9003130634 LER 90-012-00 on 891004, observed that test acceptance criteria for monthly 3.16B with essential bus undervoltage relay tests did not agree w/tech Specs. Caused by mgt deficiency for lack of precise control W/900302 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/02 1pp 52970-272-52970-285

9003220073 LER 90-030-00 on 900205 discovered that standby shutdown fed by 2 buses RCS trip in alarms had not been subject to monthly control check as required by Tech Spec 4.7.1.6. Caused by defect in procedure W/900307 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/07 1pp 53030-093-53030-093

9003160345 LER 90-038-00 on 900203 discovered that insulation removed from main steam auxiliary equipment piping to supply lowwater pump turbine. Caused by design oversight due to unanticipated interaction of sys W/900309 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/09 10pp 53013-059-53013-069

9003220099 LER 90-007-00 on 891108, discovered that transmission procedures used to perform undervoltage relay tests revealed that test acceptance criteria did not agree w/tech Specs & relays not being adjusted as required W/900311 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/12 9pp 53144-024-53144-050

9003210140 LER 90-012-00 on 900127, central alarm station operator noted that controlled access door not closed. Caused by inappropriate action taken which was "authorized Personnel" caused by importance of sys operability W/900313 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/13 9pp 53033-060-53033-069

9003220098 LER 90-003-00 on 900212, containment purge sys heaters not being verified to be running during monthly surveillance as required by Tech Specs. Caused by defective procedures due to incomplete info Procedures revised W/900313 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/13 6pp 53144-018-53144-023

9003230061 LER 90-011-00 on 900215, discovered that control room doors were "too difficult to open than normal Ventilation sys found to be incapable of maintaining positive pressure. Caused by design deficiency Walls sealed W/900315 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/15 11pp 53122-138-53122-148

9003230065 LER 90-005-00 on 900126, Tech Spec 3.0.3 entered due to more than one power range nuclear instrumentation on channel exceeding 5% deviation. Caused by mgt deficiency Operations procedure revised W/900314 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/15 10pp 53122-117-53122-126

9003230065 LER 90-005-00 on 900126, Tech Spec 3.0.3 entered due to more than one power range nuclear instrumentation on channel exceeding 5% deviation. Caused by mgt deficiency Operations procedure revised W/900314 lr.  
GLOVER, R.M., OWEN, T.B. Duke Power Co. 90/03/15 10pp 53122-117-53122-126

## T. Hearing transcripts on non-antitrust matters

9003090521 Forwards transcript of 900131 meeting at Catawba p/nt re proposed civil penalty for violations involving inoperable auxiliary feedwater pump & civil penalty proposed for security violations.  
EBNETER, S.D. Region 2, O/c of the Director 90/02/23 TUCKER, H.B. Duke Power Co. 1p 52951-312-52952-050

9003090524 Transcript of 900131 mgt meeting w/Unit in Clover, SC to proposed civil penalty Enforcement Cases EA-89-151 & EA-89-178 Pp 1-56 Supporting info encl.  
\* O/c of Enforcement (Post 870413) 90/01/31 88pp 52951-313-52952-050

## DOCKET 80-414 CATAWBA NUCLEAR STATION, UNIT 2

## F. Security, medical, emergency & fire protection plans

9002280396 Rev 80-1 to emergency plan W/900215 lr.  
OWEN, T.B. Duke Power Co. 90/02/07 5pp 52720-350-52720-354

2230521 Advises that 900102 Rev 33 to crisis mgt plan meets planning stds of 10CFR50.47(b) & requirements of App E to 10CFR50. COLLINS, D.M. Region 2, Ofc of the Director. 90/02/09. TUCKER, H.B. Duke Power Co. 4pp. 52716.207-52716.210.

2220511 EPIs consisting of HP/0/B/1009/08, "Contamination Control During repositioning of individuals," HP/0/B/1009/09, "Guidelines for Accident & Emergency Response," & HP/0/B/1009/19, "Emergency Radio Sys.," W/900212 ltr. TUCKER, H.B. Duke Power Co. 90/02/12. 4pp. 52703.240-52703.261.

2260532 Revised crisis mgt plan implementing procedures, including Rev 4 to EDA-3 Rev 5 to EDA-9. W/900215 ltr. AFFRIS, R.E. Duke Power Co. 90/02/15. 64pp. 52726.087-52726.151.

3130711 Forwards public version of crisis mgt implementing procedures, including Rev 34 to CMIP-1, Rev 25 to CMIP-2, Rev 30 to CMIP-4, Rev 34 to CMIP-5, Rev 39 to CMIP-5 & Rev 38 to CMIP-7. TUCKER, H.B. Duke Power Co. 90/02/19. Document Control Branch (Document Control Desk). 2pp. 52993.001-52993.134.

03130721 Revised crisis mgt implementing procedures, including Rev 34 to CMIP-1, Rev 25 to CMIP-2, Rev 30 to CMIP-4, Rev 34 to CMIP-5, Rev 39 to CMIP-6 & Rev 39 to CMIP-7. AFFRIS, R.E. Duke Power Co. 90/02/15. 492pp. 52993.003-52993.134.

3210010 Forwards Insp Repts 50-413/90-04 & 50-414/90-04 on 900122-26 No violations or deviations noted. COLLINS, D.M. Region 2, Ofc of the Director. 90/02/22. TUCKER, H.B. Duke Power Co. 3pp. 53104.056-53104.069.

3210012 Insp Repts 50-413/90-04 & 50-414/90-04 on 900122-26 No violations noted. Major areas inspected operational readiness of site emergency preparedness program, including review of organization & mgt control, training, equipment & facilities. KREH, J.L. Region 2, Ofc of the Director. 90/02/16. 8pp. 53104.062-53104.069.

1190070 Comments on SALP Repts 50-413/89-32 & 50-414/89-32 covering areas radiological controls, main/auxiliary, security, safeguards & engineering/technical support. Disputes conclusion that trend in safeguards area declining. TUCKER, H.B. Duke Power Co. 90/03/02. Document Control Branch (Document Control Desk). 8pp. 53047.274-53047.281.

#### Derating license stage documents & correspondence

260250 Forwards E. Backford 880929 request for CAGH review of proposed general response to request during 900103 & 16 meetings w/NRC for NRC consideration made prior to issuance of Generic Ltr 89-10. MATTHEWS, D.B. Project Directorate II-3. 90/02/05. TUCKER, H.B. Duke Power Co. 3pp. 52720.273-52720.316.

260350 Forwards Amends 70 & 64 to Licenses NPF-35 & NPF-52, respectively & city evaluation Amends revise allowable limit setting tolerance in Tech Spec Table 2 for steam line safety valves. BABOUR, K.N. Project Directorate II-3. 90/02/15. TUCKER, H.B. Duke Power Co. 3pp. 52726.329-52726.342.

2260367 Amends 70 & 64 to Licenses NPF-35 & NPF-52, respectively, revising allowable limit setting tolerance in Tech Spec Table 3-7-2 for steam line safety valves. MATTHEWS, D.B. Project Directorate II-3. 90/02/15. 6pp. 52726.333-52726.339.

2260369 Safety evaluation supporting Amends 70 & 64 to Licenses NPF-35 & NPF-52, respectively. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/15. 4pp. 526.339-52726.342.

130033 Amends 881128 application for amends to Licenses NPF-9 & NPF-17, clarifying Tech Spec 6.2.3 re safety review group, per 900212 discussions w/NRC. Listed area replace that of previous submittal. TUCKER, H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Control Desk). 3pp. 52991.322-52991.324.

260071 Forwards proprietary response to NRC 880725 questions re VIPRE core thermal hydraulic section of Topical Rept DPC-NE-3000 & Rev 2 to Pages 3.69.3-3.76 & 3-79 of rept. Encls withheld (rel 10CFR2.790). TUCKER, H.B. Duke Power Co. 90/02/20. Document Control Branch (Document Control Desk). 2pp. 52753.284-52753.285.

320241 Forwards revised proprietary pages to DPC-NE-2004, "Core Thermal Hydraulic Methodology Using VIPRE-01," reflecting minor methodology changes made for review & approval process. Pages withheld. TUCKER, H.B. Duke Power Co. 90/02/22. Document Control Branch (Document Control Desk). 2pp. 52816.205-52816.206.

190328 Forwards semiannual radioactive effluent release rept for Jul-Dec 1989 for Duke Nuclear Station Units 1 & 2 & revised process control programs & offsite calculation manuals. TUCKER, H.B. Duke Power Co. 90/02/28. Document Control Branch (Document Control Desk). 4pp. 52952.053-52953.142.

190339 Rev 4 to, "Process Control Program, Catawba Nuclear Station." CHUKWU, O.E., TAYLOR, J.C. Duke Power Co. 89/11/27. 47pp. 52952.142-52952.189.

190346 Rev 25 to, "Offsite Dose Calculation Manual, Catawba Nuclear Station." CHM, L.L., OWEN, T.B. Duke Power Co. 90/01/01. 47pp. 52952.304-52952.350.

190351 Rev 28 to, "Offsite Dose Calculation Manual, Oconee, McGuire & Catawba Lake Stations." CHM, L.L. Duke Power Co. 90/01/01. 62pp. 52953.081-52953.142.

40290 Requests extension to respond to Generic Ltr 90-01 re participation in regulatory impact survey until 900402. Util in process of completing questionnaires for all sites. TUCKER, H.B. Duke Power Co. 90/03/01. Document Control Branch (Document Control Desk). 1p. 53018.341-53018.341.

9003070294 Notification of 900313 meeting w/Util in Rockville, MD to discuss plans by Util to request Tech Spec change to increase allowable unidentified RCS leakage rate from 1 gpm to 3 gpm. HOOD, D.S. Project Directorate II-3. 90/03/02. MATTHEWS, D.B. Project Directorate II-3. 4pp. 52887.317-52887.320.

9003160346 Notification of 900320 meeting w/B&W & Util in Rockville, MD to discuss review status of B&W reload methods for plants. HSIL, Y. Reactor Systems Branch. 90/03/08. JONES, R.C. Reactor Systems Branch. 2pp. 53039.218-53039.249.

9003230082 Forwards rev to commitment re control of heavy loads Rev allows station to operate reactor bldg polar crane during Modes 1-4 for certain maint activities. TUCKER, H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk). 6pp. 53126.351-53126.356.

9003230084 Forwards relt request for plant inservice testing program Pending approval of relt of request, interim relt for continued use of B&K 2511 instrument for vibration measurement requested. TUCKER, H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk). 9pp. 53138.340-53138.348.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 5pp. 53195.014-53195.069.

9003280104 Forwards Amends 71 & 65 to Licenses NPF-35 & NPF-52, respectively & safety evaluation Amends revise Tech Specs 3.1.3 & 3.1.5, Figure 3.1-1 & Basis 3/4.1.3 to modify fully withdrawn control rod bank insertion limits to 225 steps. BABOUR, K.N. Project Directorate II-3. 90/03/21. TUCKER, H.B. Duke Power Co. 2pp. 53148.082-53148.099.

~9003260108 Amends 71 & 65 to Licenses NPF-35 & NPF-52, respectively, revising Tech Specs 3.1.3.5, Figure 3.1-1 & Basis 3/4.1.3 to modify fully withdrawn control rod bank insertion limits from 226 steps to 225 steps. MATTHEWS, D.B. Project Directorate II-3. 90/03/21. 9pp. 53148.084-53148.096.

~9003260111 Safety evaluation supporting Amends 71 & 65 to Licenses NPF-35 & NPF-52, respectively. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/21. 2pp. 53148.087-53148.098.

#### Q. Inspection reports, IE Bulletins & correspondence

9002260334 Ack receipt of 900129 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-413/89-34 & 50-414/89-34. HERDT, A.H. Region 2, Ofc of the Director. 90/02/05. TUCKER, H.B. Duke Power Co. 3pp. 52708.357-52709.359.

9002260084 Ack receipt of 891222 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-413/89-29 & 50-414/89-29. Concludes that violation occurred as stated in notice of violation Evaluation & conclusion encl. HERDT, A.H. Region 2, Ofc of the Director. 90/02/06. TUCKER, H.B. Duke Power Co. 5pp. 52753.270-52753.274.

9002260325 Confirms arrangements made re 900222 enforcement conference in Region II ofc to discuss inoperability of containment air return fan & circumstances surrounding opening of power lockout breaker to fan. REYES, L.A. Region 2, Ofc of the Director. 90/02/07. TUCKER, H.B. Duke Power Co. 4pp. 52753.275-52753.278.

9002230542 Forwards Insp Repts 50-413/90-05 & 50-414/90-05 on 900103-23 Violation described in encl rept under consideration for escalated enforcement action. Enforcement conference to discuss violation scheduled for 900222. No notice issued. BENNETT, S.D. Region 2, Ofc of the Director. 90/02/09. TUCKER, H.B. Duke Power Co. 3pp. 52715.191-52715.201.

~9002230546 Insp Repts 50-413/90-05 & 50-414/90-05 on 900103-23 Violation noted. Major areas inspected event re open circuit breaker for containment air return fan motor which rendered fan inoperable. ORDEHS, W.T., LESSER, M.S., SHYMLOCK, M.B. Region 2, Ofc of the Director. 90/02/02. 8pp. 52716.184-52716.201.

9003140258 Requests approval for use of ASME Code Case N-461, "Alternative Rules for Piping Calibr Block Thickness." Code case will be incorporated into inservice insp programs at facilities. TUCKER, H.B. Duke Power Co. 90/02/21. Document Control Branch (Document Control Desk). 3pp. 53019.214-53019.216.

9003210010 Forwards Insp Repts 50-413/90-04 & 50-414/90-04 on 900122-26. No violations or deviations noted. COLLINS, D.M. Region 2, Ofc of the Director. 90/02/22. TUCKER, H.B. Duke Power Co. 3pp. 53104.058-53104.069.

~9003210012 Insp Repts 50-413/90-04 & 50-414/90-04 on 900122-26. No violations noted. Major areas inspected operational readiness of site emergency preparedness program, including review of organization & mgt control, training, equipment & facilities. KREH, J.L., RANKIN, W.H. Region 2, Ofc of the Director. 90/02/16. 8pp. 53104.062-53104.069.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 9pp. 52776.262-52776.360.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 9pp. 52776.163-52776.261.

9002230379 NRC info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/26  
Consolidated Edison Co. of New York, Inc. 9ppp 52644 001-52844 095

9003190070 Comments on SALP Repts 50-413/90-32 & 50-414/90-32 covering areas of regulatory controls/surveillance security, safeguards, & engineering/technical support. Disputes conclusion that trend in safeguards areas declining. TUCKER, H.B. Duke Power Co. 90/03/02. Document Control Branch (Document Control Desk) 5pp 53047 274-53047 281

9003210005 Forwards Insp Repts 50-413/90-03 & 50-414/90-03 on 891231-900127 & notice of violation. HERDT, A.R. Region 2, Ofc of the Director. 90/03/02. TUCKER, H.B. Duke Power Co. 3pp 53093 282-53093 286

-9003210006 Notice of violation from Insp on 891231-900127 Violation noted licensee failed to establish measures for identification & control of design interface between auxiliary rig ventilation. HERDT, A.R. Region 2, Ofc of the Director. 90/03/02. 2pp 53093 282-53093 283

-9003210007 Insp Repts 50-413/90-03 & 50-414/90-03 on 891231-900127 Violations noted Major areas inspected routine resident Insp. of review of plant operations, surveillance & maintenance observation & review of LERs. CROFT, W.T. LESSER, M.S., HOFKINS, P.C. Region 2, Ofc of the Director. 90/03/02. 12pp 53093 284-53093 236

9002270399 NRC info Notice 90-013, "Importance of Review & Analysis of Safety Event Logs." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05. Consolidated Edison Co. of New York, Inc. 9ppp 52844 100-52844 198

9003140373 Informs that w/ 900126 response to NRC Bulletin 89-003 "Potential Loss of Required Shutdown Margin During Refueling Operations." satisfactory. MATTHEWS, D.B. Project Directorate II-3. 90/03/05. TUCKER, H.B. Duke Power Co. 4pp 53000 316-53000 319

9002280081 NRC info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06. Consolidated Edison Co. of New York, Inc. 8ppp 52997 091-52997 094

9003210131 Forwards notice of violation & enforcement conference summary re Insp Repts 50-413/90-05 & 50-414/90-05 Violation involved failure to maintain adequate procedures to preclude unauthorized operation of containment air return fan. EBNETER, S.D. Region 2, Ofc of the Director. 90/03/06. TUCKER, H.B. Duke Power Co. 4pp 53104 070-53104 107

-9003210134 Notice of violation from Insp on 900103 0123 Violation noted procedures to maintain reactor safety & avoid unauthorized operation of 1B containment air return fan power lockout breaker inadequate. EBNETER, S.D. Region 2, Ofc of the Director. 90/03/06. 34pp 53104 074-53104 107

9003010172 NRC info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07. Consolidated Edison Co. of New York, Inc. 9ppp 52997 095-52997 189

9003010227 NRC info Notice 90-016, "Compliance w/ New Decommissioning Rule." Svc list encl  
BANKART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07. Consolidated Edison Co. of New York, Inc. 91ppp 52997 288-52997 018

9003010293 Suppl 2 to NRC info Notice 89-059, "Suppliers of Potential or Misrepresented Fasteners." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07. Consolidated Edison Co. of New York, Inc. 100ppp 52844 199-52844 298

9003020211 NRC info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes, Vulcan Valves." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08. Consolidated Edison Co. of New York, Inc. 104ppp 52963 096-52963 189

9003210035 Forwards Insp Repts 50-413/90-07 & 50-414/90-07 on 900212-16 No violations or deviations noted. JULIAN, C.A. Region 2, Ofc of the Director. 90/03/08. TUCKER, H.B. Duke Power Co. 3pp 53104 212-53104 225

-9003210036 Insp Repts 50-413/90-07 & 50-414/90-07 on 900212-16 No violations or deviations noted Major areas inspected: service Insp (ISI) including ISI program implementation procedures & Unit 1 ISI plan for outage. HEWSON, R.W., BLAKE, J.J. Region 2, Ofc of the Director. 90/03/05. 11ppp 53104 215-53104 225

9003050043 NRC info Notice 90-018, "Potential Problems w/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 100ppp 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 109ppp 52963 300-52963 048

9003160297 Responds to NRC 900208 ltr re violations noted in Insp Repts 50-413/90-01 & 50-414/90-01 Corrective actions relief request submitted & yearly calendar prepared to identify when notice of violation received & responses due. TUCKER, H.B. Duke Power Co. 90/03/09. Document Control Branch (Document Control Desk) 12pp 53040 099-53040 111

9003220108 Forwards Insp Repts 50-413/90-02 & 50-414/90-02 on 900108-12 & 0208-09 & notice of violation Violation re: to pertinent requirements, elements to be included in response described in notice of violation. COLLINS, D.M. Region 2, Ofc of the Director. 90/03/09. TUCKER, H.B. Duke Power Co. 3pp 53112 222-53112 240

-9003220109 Notice of violation from Insp on 900108-12 & 0208-09 Violation licensee failed to follow radiation protection procedures for contamination surveys. COLLINS, D.M. Region 2, Ofc of the Director. 90/03/09. 2pp 53112 222-53112 240

-9003220112 Insp Repts 50-413/90-02 & 50-414/90-02 on 900108-12 & 0208-09 Violation noted Major areas inspected radiation protection activities including licensee organization & regulatory controls. WRIGHT, F.H., COTTER, J.P. Region 2, Ofc of the Director. 90/03/07. 14pp 53112 227-53112 240

9003080213 NRC info Notice 90-019, "Potential Loss of Effective Vol for Containment Radiation Spray at FWH Facilities." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 9ppp 52997 190-52997 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Frame-Bell Bow." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09. Consolidated Edison Co. of New York, Inc. 9ppp 53035 129-53035 266

9003160224 NRC info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/02. Consolidated Edison Co. of New York, Inc. 91ppp 53166 057-53166 057

9003160306 NRC info Notice 90-021, "Potential Failure of Motor Operated Safety Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/02. Consolidated Edison Co. of New York, Inc. 102ppp 53132 001-53132 109

9003190349 NRC info Notice 90-022, "Unanticipated Equipment Actuators Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/02. Consolidated Edison Co. of New York, Inc. 102ppp 53165 007-53165 109

## R. Periodic operating reports & related correspondence

9003090216 "Semiannual Radioactive Release Rept for Jul-Dec 1989." W/900223 to TUCKER, H.B. Duke Power Co. 89/12/31. 38ppp 52964 151-52964 188

9003090367 Personnel monitoring rpt for 1989 W/900226 ltr. TUCKER, H.B. Duke Power Co. 89/12/31. 5pp 52968 078-52968 082

9002230333 Forwards monthly operating repts for Jan 1990 & monthly operating status repts for Dec 1989 for Catawba Nuclear Station. TUCKER, H.B. Duke Power Co. 90/02/15. Document Control Branch (Document Control Desk) 1p 52715 146-52715 157

-9002230336 Monthly operating repts for Jan 1989 for Catawba Nuclear Station. WILLIAMS, R.A. Duke Power Co. 89/01/31. 10ppp 52715 147-52715 156

-9002230341 Monthly operating status repts for Dec 1989 for Catawba Nuclear Station. Duke Power Co. 89/12/31. 1p 52715 157-52715 157

9003200167 Forwards monthly operating repts for Feb 1990 & revised page to monthly operating repts for Jan 1990. TUCKER, H.B. Duke Power Co. 90/03/15. Document Control Branch (Document Control Desk) 1p 53070 030-53070 041

-9003200172 Monthly operating repts for Feb 1990 for Catawba Nuclear Station Units 1 & 2. WILLIAMS, R.A. Duke Power Co. 90/02/28. 10ppp 53070 031-53070 040

-9003200176 Corrected monthly operating repts for Jan 1990 for Catawba Nuclear Station Units 1 & 2 re personal exposure. Duke Power Co. 89/01/31. 1p 53070 041-53070 041

## S. Reportable occurrences, LERs & related correspondence

9003130651 LER 90-002-00 on 900130, discovered that manual isolation valve in steam supply line to turbine driven pump could not be closed. Caused by mgmt deficiency due to less than adequate training being provided W/900302 ltr. GLOVER, R.M., OWEN, T.B. Duke Power Co. 89/03/02. 11ppp 52979 285-52979 296

## T. Hearing transcripts on non-antitrust matters

9003090521 Forwards transcript of 900131 meeting at Catawba plant re proposed civil penalty for violations involving inoperable auxiliary feedwater pump & civil penalty proposed for security violations. EBNETER, S.D. Region 2, Ofc of the Director. 90/02/23. TUCKER, H.B. Duke Power Co. 1p 52951 312-52951 050

-9003090524 Transcript of 900131 mgmt meeting w/utl in Clover, SC re proposed civil penalty Enforcement Cases EA-89-151 & EA-89-178 Pp 1-56 Supporting info encl. Ofc of Enforcement (Post 870413) 89/01/31. 98ppp 52951 313-52951 050

## DOCKET 50-416 GRAND GULF NUCLEAR STATION, UNIT 1

## F. Security, medical, emergency & fire protection plans

9003200350 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey," consisting of completed questionnaires re insurance, State of MS inspections/audits, NRC inspections & NRC emergency exercise inspections. COTTELL, W.T. System Energy Resources, Inc. 90/03/09. Document Control Branch (Document Control Desk) 27ppp 53089 322-53089 348

## Insurance &amp; Indemnity Information

3200350 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in Regulatory Impact Survey," consisting of completed questionnaires re insurance status of MS insps/audits/NRC insps & NRC emergency exercise insps  
COTTLE, W.T. System Energy Resources, Inc. 90/03/09 Document Control Branch (Document Control Desk) 27pp 53069 322-53069 348

## Operating license stage documents &amp; correspondence

3270382 Application for amend to license NPF-29, extending implementation date neutron flux monitoring unit with relieving capacitor per Reg Guide 1.97 to evaluate applicability of BWR Owners Group design criteria to plant design  
COTTLE, W.T. System Energy Resources, Inc. 90/02/16 Document Control Branch (Document Control Desk) 11pp 52755 045-52755 055

3270386 Proposed Tech Specs re emergency response facilities, per Generic Ltr 88-11, Suppl 1 to NUREG 0737 & Reg Guide 1.97  
System Energy Resources, Inc. 90/02/16 1p 52756 056-52756 056

270434 Provides addl info to support 880630 proposed amend to license NPF, extending reactor protection system instrumentation surveillance test intervals & allowable outage times per GE Technical Rept NEDC 30851P  
COTTLE, W.T. System Energy Resources, Inc. 90/02/19 Document Control Branch (Document Control Desk) 4pp 52748 260-52748 263

050104 Forwards SER accepting w/ 890109, 0228 & 1013 responses to Generic 88-11 proposing pressure-temp limits for RCS for reactor heatup, cool-down, leak tests & criticality for 10 EFPY. Revised limits requested within 60 days of ltr receipt  
JINER, L.L. Project Directorate II-1 90/02/21 COTTLE, W.T. System Energy Resources, Inc. 1p 52824 022-52824 027

3050289 Safety evaluation concluding that pressure-temp limits for RCS for heatup, cool-down, leak test & criticality for 10 EFPY proposed in 890228 ltr re Generic 88-11, acceptable  
Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/21 5pp 324 023-52824 027

140457 Forwards Amend 66 to License NPF-29 & safety evaluation. Amend re: planned organization changes  
JINER, L.L. Project Directorate II-1 90/03/05 COTTLE, W.T. System Energy Resources, Inc. 2pp 53001 308-53001 310

3140459 Amend 66 to License NPF-29, reflecting planned organization changes  
ENSAM, E.G. Project Directorate II-1 90/03/05 6pp 53001 310-53001 315

3140461 Safety evaluation supporting Amend 66 to License NPF-29  
Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/05 4pp 01316-53001 310

200350 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in Regulatory Impact Survey," consisting of completed questionnaires re insurance status of MS insps/audits/NRC insps & NRC emergency exercise insps  
COTTLE, W.T. System Energy Resources, Inc. 90/03/09 Document Control Branch (Document Control Desk) 27pp 53069 322-53069 348

220237 Forwards SER re facility piping support calculations for safety-related reg. per 890320-23 & 0724-29 audits. No significant safety concern for existing city-related piping sys noted  
JINER, L.L. Project Directorate II-1 90/03/16 COTTLE, W.T. System Energy Resources, Inc. 4pp 53123 027-53123 035

3220240 SER re audit of pipe support calculations at plant. No significant safety concern for piping & supports exists. Recommendations that design spec be revised to address remaining concerns  
Mechanical Engineering Branch 90/03/16 5pp 53123 031-53123 035

40089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components," Svc list encl.  
TLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195 014-53195 089

## Inspection reports, IE Bulletins &amp; correspondence

20513 Suppls response to NRC Bulletin 88-003, "Inadequate Latch Engagement IFA Type Latching Relay Mfg by GE." HFA154E type latching relay procured from received on 890420 & placed in warehouse stock after std receipt insp.  
COTTLE, W.T. System Energy Resources, Inc. 90/02/09 Document Control Branch (Document Control Desk) 2pp 52700 287-52700 288

60093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inlet 600." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 260

20140 Responds to NRC 900131 ltr re violations noted in Insp Rept 50-416/80. Corrective actions, quality deficiency report initiated to document & resolve incident & final report & reportable events procedure enhanced.  
COTTLE, W.T. System Energy Resources, Inc. 90/02/23 Document Control Branch (Document Control Desk) 3pp 52795 173-52795 175

30283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52776 163-52776 261

30379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
SSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52844 001-52844 099

10103 Ack receipt of 900223 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-416/89-90.  
IRELLI, D.M. Region 2, Ofc of the Director 90/03/01 COTTLE, W.T. System Energy Resources, Inc. 2pp 53098 101-53098 192

0003210091 Forwards Insp Rept 50-416/90-02 on 900120-0216 No violations or deviations noted.  
VERRELL, D.M. Region 2, Ofc of the Director 90/03/02 COTTLE, W.T. System Energy Resources, Inc. 2pp 53098 139-53098 151

9003210094 Insp Rept 50-416/90-02 on 900120-0216 No violations or deviations noted. Major areas inspected: operational safety verification, maint & surveillance observation on independent safety engineering group & ROs.  
CHRISTENSEN, J.L. MATHEIS, J.L. CANTRELL, F.S. Region 2, Ofc of the Director 90/03/02 11pp 53098 141-53098 151

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp 52844 100-52844 198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/05 Consolidated Edison Co. of New York, Inc. 89pp 52997 001-52997 094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997 085-52997 188

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
HANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997 208-52998 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 296

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52963 006-52963 199

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Recover Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 209

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 108pp 52963 300-52964 048

0003200350 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in Regulatory Impact Survey," consisting of completed questionnaires re insurance status of MS insps/audits/NRC insps & NRC emergency exercise insps.  
COTTLE, W.T. System Energy Resources, Inc. 90/03/09 Document Control Branch (Document Control Desk) 27pp 53069 322-53069 348

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp 52997 190-52997 267

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Flow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 226

9003180224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53166 057-53166 147

9003180306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

9003180349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108

## R. Periodic operating reports &amp; related correspondence

9001260289 Monthly operating report for Dec 1989 for Grand Gulf Unit 1. W/900115 ltr.  
ZINKE, G.A. COTTLE, W.T. System Energy Resources, Inc. 89/12/31 8pp 53190 020 53190 025

9003000482 "Semiannual Radioactive Effluent Release Report for Jul-Dec 1989." W/900228 ltr.  
COTTLE, W.T. System Energy Resources, Inc. 89/12/31 83pp 52897 102-52897 185

9003090430 Forwards "Degraded Core Accident Hydrogen Control Program," quarterly status report for quarter ending 891231.  
COTTLE, W.T. System Energy Resources, Inc. 90/02/26 Document Control Branch (Document Control Desk) 5pp 52872 131-52872 136

9003080160 Summary of operating experience 1989.  
COTTLE, W.T. System Energy Resources, Inc. 90/02/27 Document Control Branch (Document Control Desk) 10pp 52899 028-52899 035

1 W/900313 " ZINKE, G.A. COTTLE, W.T. System Energy Resources, Inc. 90/02/28 5pp. 53164-108-53164-111

#### S. Reportable occurrences, LERs & related correspondence

9003060420 LER 90-002-00 en 900124 discovered that D-1 solenoid associated w/ secondary containment isolation valve did not operate during quarterly valve stroke tests caused by procedure inadequacy. Procedures changed W/900316 by RUSFIR, COTTLE, W.T. System Energy Resources, Inc. 90/02/28 5pp. 52895-020-52895-024

9003270394 LER 90-003-00 en 900215 identified potential single failure scenario that could result in unavailability of both core spray sys for long term post-LOCA core cooling. Detailed meeting evaluation performed for power turn on W/900316 by BYRD, R. COTTLE, W.T. System Energy Resources, Inc. 90/03/16 6pp. 53165-230-53165-236

#### DOCKET 90-417 GRAND GULF NUCLEAR STATION, UNIT 2

#### A. Application/construction stage documents & correspondence

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of start position in Generic Ltr 83-28, item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 5pp. 53195-014-53195-053

#### Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 5pp. 52776-262-52776-360

9002230283 NRC Info Notice 90-011, "Main Delinquency Associated W/ Solenoid Operated Valves." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/02/26. Consolidated Edison Co. of New York, Inc. 5pp. 52776-163-52776-261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/02/26. Consolidated Edison Co. of New York, Inc. 5pp. 52844-001-52844-099

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52814-103-52814-193

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mails." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 8pp. 52997-031-52997-091

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Director's Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52997-095-52997-189

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52997-288-52998-016

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-238

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52953-096-52953-199

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963-200-52963-299

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52964-048

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 89pp. 52997-190-52997-287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168-057-53168-147

Values to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-091-53132-100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activations Following Restoration of Power to Resonant Transmitter Trip Units." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-109

#### DOCKET 90-423 MILLSTONE NUCLEAR POWER STATION, UNIT 3

#### F. Facility, medical, emergency & fire protection plans

9002220485 Executed Rev 1 to EPIP Form 4701-4 "Reportability." Initial submittal submitted w/ signature. SCACE, S. Northeast Utilities. 90/02/09. 11pp. 52708-018-52708-055

9033160058 Rev 1 to EPIP Form 4701-4 "Responsibility." SCACE, S. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/02/09. 22pp. 53049-143-53049-141

9003050236 Forwards responses to & comments on initial SALP Rept 90-423/82-99 for per of 8/8/90. 19/0115 Proceeds revised to permit operators to adjust area monitors to reduce nuisance alarms. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Northeast Utilities. 90/02/21. Document Control Branch (Document Control Desk). 19pp. 52823-194-52823-212

9003180080 Revised EPIPs including Rev 6 to EPIP 4301, Rev 8 to EPIP 4610 & Rev 5 to EPIP 4613. SCACE, S. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/03/05. 34pp. 53049-189-53049-222

9003210019 Forwards info re insp of facility emergency operating procedures per 900119. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Northeast Utilities. 90/03/13. Document Control Branch (Document Control Desk). 2pp. 53093-336-53093-337

#### P. Operating license stage documents & correspondence

9002220383 Forwards division assessment & finding of no significant impact to 830720 & 1016 applications for amend to License NPF-49, changing Tech Specs re power distribution limits, MSIVs & radiation monitors. JAFFE, D.H. Project Directorate I-4. 90/02/13. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 2pp. 52703-328-52703-331

-9002220386 Division assessment & finding of no significant impact to 830720 & 1016 applications for amend to License NPF-49. Amends revises formula for calculating power distribution limits & reflects functions of radiation monitors RE41 & 42. STOLZ, J.F. Project Directorate I-4. 90/02/13. 3pp. 52703-330-52703-332

9002280566 Ack receipt of listed invoices for costs incurred during routine reviews of plant. MROCZKA, E.J. Northeast Utilities. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52722-086-52722-067

9003050071 Forwards Amend 46 to License NPF-49, safety evaluation & notice of issuance. Amend revises Tech Specs to change fixy formula for three-loop operation. JAFFE, D.H. Project Directorate I-4. 90/02/21. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 4pp. 52835-031-52835-020

-9003050075 Amend 46 to License NPF-49, changing Tech Specs 4.2.2.2 & 3/4.7.1.5 & Tables 3.3-6.3.3-10.4.3-3 & 4.3.7. STOLZ, J.F. Project Directorate I-4. 90/02/21. 15pp. 52835-035-52835-019

-9003050077 Safety evaluat on supporting Amend 46 to License NPF-49. "Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/21. 5pp. 52835-020-52835-024

-9003050079 Notice of Issuance of Amend 46 to License NPF-49. Amend changes Tech Specs 4.2.2.2 & 3/4.7.1.5 & Tables 3.3-6.3.3-10.4.3-3 & 4.3.7. JAFFE, D.H. Project Directorate I-4. 90/02/21. 2pp. 52835-025-52835-026

9003060029 Application for amend to License NPF-49, revising Tech Specs re relocation of cycle specific core operating limits for unit from Tech Specs to core operating limits repl. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E.J. Northeast Utilities. 90/02/21. Document Control Branch (Document Control Desk). 8pp. 52848-095-52848-152

-9003060030 Proposed Tech Specs re cycle-specific parameter limits. "Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/02/21. 36pp. 52848-103-52848-138

-9003060031 Rev 0 to "Millstone Unit 3 Cycle 3 Core Operating Limits Rept." "Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/02/28. 14pp. 52848-139-52848-152

9003010074 Advises that 900125 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," acceptable. JAFFE, D.H. Project Directorate I-4. 90/02/22. MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 2pp. 52781-138-52781-140

9003060288 Advises that payment of 10CFR170 fees for Invoice IOS77 will be forwarded to Otc of Resource Mgt. MROCZKA, E.J. SEARS, C.F. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/02/23. Document Control Branch (Document Control Desk). 1p. 52855-350-52855-350

33020259 Notification of 900305 meeting w/util in Rockville, MD to discuss status of licensing activities for facility.  
AFFE, D.H. Project Directorate I-4. 90/02/26 STOLZ, J.F. Project Directorate I-4. 4pp  
2799.111-52799.114.

33130668 Application for amend to License NPF-49, changing Tech Specs to increase containment pressure to slightly under atmospheric pressure during Modes 1 through 3 to reduce potential for personnel injury when entering containment.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities).  
MROCZKA, E.J. Northeast Utilities. 90/02/26 Document Control Branch (Document Control Desk). 35pp. 52994.248-52994.307

303130672 Proposed Tech Specs re containment airlocks & pressure, air compartment structural integrity & containment ventilation sys.  
Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/02/26. 24pp.  
2694.203-52994.307.

33080471 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Approx two NRC team insps conducted at facilities each yr. Two SSFIs conducted in 1986.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 90/03/01 Document Control Branch (Document Control Desk). 39pp. 52893.135-52893.173

33400354 Provides addl info requested to clarify changes proposed to Tech Spec (then statements for inoperable accumulator).  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities).  
MROCZKA, E.J. Northeast Utilities. 90/03/02 Document Control Branch (Document Control Desk). 3pp. 53104.298-53104.301

33160107 Proposed Tech Specs allowing A h to restore inoperable accumulator, except resulting from closed isolation valve.  
Northeast Utilities. 90/03/02. 1p. 53104.301-53104.301.

3160363 Forwards Amend 47 to License NPF-49 & safety evaluation. Amend modifies Tech Specs 3.6.4.1, 3.3.3.6 & 4.6.4.2b.4 to eliminate inconsistencies re limiting conditions for operation associated w/hydrogen monitors.  
AFFE, D.H. Project Directorate I-4. 90/03/02 MROCZKA, E.J. Connecticut Yankee Atomic Power Co. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 53039.265-53039.280

33160388 Amend 47 to License NPF-49, modifying Tech Specs 3.6.4.1, 3.3.3.6 & 4.6.4.2b.4 to eliminate inconsistencies re limiting conditions for operations associated w/hydrogen monitors & provide variable acceptance criteria.  
STOLZ, J.F. Project Directorate I-4. 90/03/02. 9pp. 53039.268-53039.276

33160390 Safety evaluation supporting Amend 47 to License NPF-49.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/02. 4pp.  
3039.277-53039.280

3200144 Forwards Amend 48 to License NPF-49 & safety evaluation. Amend modifies Tech Spec Table 4-4.5, "Reactor Vessel Mat Surveillance Program - Withdrawal schedule."  
AFFE, D.H. Project Directorate I-4. 90/03/06 MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 3pp. 53075.223-53075.243.

33200148 Amend 48 to License NPF-49, modifying Tech Spec Table 4-4.5, "Reactor Vessel Mat Surveillance Program - Withdrawal Schedule," to provide revised in vessel air capsule withdrawal program & revised capsule load factors.  
STOLZ, J.F. Project Directorate I-4. 90/03/06. 14pp. 53075.226-53075.239

33200169 Safety evaluation supporting Amend 48 to License NPF-49.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/06. 4pp.  
3075.240-53075.243.

3210081 Forwards NRC understanding of current status of unimplemented USIs for facility list representing assessment of USI implementation and.  
AFFE, D.H. Project Directorate I-4. 90/03/13 MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 3pp. 53105.118-53105.121.

3220215 Application for amend to License NPF-49, clarifying Tech Spec Sections 6.2.1.4.6.2.2 & 3/4.9.1 to correct inconsistency between as built conditions & Tech Specs.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities).  
MROCZKA, E.J. Northeast Utilities. 90/03/15 Document Control Branch (Document Control Desk). 4pp. 53125.319-53125.326

33220217 Proposed Tech Specs clarifying Sections 4.6.2.1.4.6.2.2 & 3/4.9.1 to correct inconsistency between as built conditions & Tech Specs.  
Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 90/03/15. 4pp.  
3125.323-53125.326

3140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
ATLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

#### inspection reports, IE Bulletins & correspondence

2220657 Responds to NRC 891215 ltr re violations noted in Insp Rept 50-423/89-16 & 890829-1016. Corrective actions verified that single MSIV safety train would independently close MSIV within 5 s.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities).  
MROCZKA, E.J. Northeast Utilities. 90/02/08. RUSSELL, W.T. Region 1, Ofc of the Director. 6pp. 52705.323-52705.327.

3010144 Notification of Enforcement Conference 90-18 on 900220 w/util in King of ussia, PA re transportation violation.  
AVERKAMP, D.R. Region 1, Ofc of the Director. 90/02/13. Region 1, Ofc of the Director. 2pp. 52816.333-52816.334.

3050236 Forwards response to & comments on Initial SALP Rept 50-423/88-99 for mod 880601 - 891016. Procedures revised to permit operators to adjust area monitors to reduce nuisance alarms.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities).  
MROCZKA, E.J. Northeast Utilities. 90/02/21. Document Control Branch (Document Control Desk). 19pp. 52823.184-52823.212.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23 Consolidated Edison Co. of New York, Inc. 89pp. 52776.282-52776.360

9003060242 Forwards Safety Insp Rept 50-423/89-23 on 891128-900104 & notice of violation. Violation on concerned removal of automatic start capability of svc water boost pumps.  
WENZINGER, E.C. Region 1, Ofc of the Director. 90/02/26 MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 5pp. 52852.000-52852.038

-9003060245 Notice of violation from insp on 891128-900104 Violation noted licensee removed automatic start capability w/o changing svc water Operating Procedure 3326A.  
\* Region 1, Ofc of the Director. 90/02/26. 1p. 52852.008-52852.008

-9003080248 Insp Rept 50-423/89-23 on 891128-900104 Violations noted. Major areas inspected: plant operations, radiological control, maint & surveillance, engineering & technical support & safety assessment & quality verification.  
HAVERKAMP, D.R. Region 1, Ofc of the Director. 90/02/24. 30pp. 52852.009-52852.038

9003080153 Advises that mods to steam generator blowdown sample sys completed per violations noted in Insp Rept 50-423/89-14 & SALP Sys will be evaluated for next 2 wks to ensure blowdown radiation monitor operating reliably.  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities).  
MROCZKA, E.J. Northeast Utilities. 90/02/26. RUSSELL, W.T. Region 1, Ofc of the Director. 2pp. 52910.140-52910.141

9003090316 Forwards Enforcement Conference Repts 50-245/90-03, 50-336/90-04 & 50-423/90-03 on 900220. Conference gives opportunity to refute any discrepant insp findings & discuss short & long-term corrective actions for violation.  
KRAFFT, M.R. Region 1, Ofc of the Director. 90/02/26. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 52954.338-52954.359

-9003090326 Enforcement Conference Insp Repts 50-245/90-03, 50-336/90-04 & 50-423/90-03 on 900220. Major areas discussed: shipment of underwater shear cutter.  
FURIA, J., BGRES, R. Region 1, Ofc of the Director. 90/02/22. 20pp. 52954.340-52954.359

9003070316 Discusses Safety Insps 50-245/88-23, 50-336/89-22 & 50-423/89-23 on 890806-1020 & 891128-900104 & forwards notice of violation.  
WENZINGER, E.C. Region 1, Ofc of the Director. 90/02/27. MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 52888.358-52888.360

-9003070323 Notice of violation from insp on 890806-1020 & 891128-900104. Violation noted licensee shipped box as limited quantity of radioactive mails to facility w/external radiation level on bottom of box greater than 0.5 mrem.  
\* Region 1, Ofc of the Director. 90/02/27. 1p. 52888.360-52888.360

9002230283 NRC Info Notice 90-011, "Main Ductility Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 89pp. 52776.163-52776.261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 89pp. 52844.001-52844.099

9003080471 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Approx two NRC team insps conducted at facilities each yr. Two SSFIs conducted in 1986.  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 90/03/01. Document Control Branch (Document Control Desk). 39pp. 52893.135-52893.173

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguard's Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.188

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.084

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997.085-52997.189

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52897.268-52898.018

9003010293 Suppl 2 to NRC Info Notice 89-050, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.288

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52863.098-52863.199

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52863.200-52863.299

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52863.300-52864.048



## 214 DOCKETED ITEMS

9003210331 Forwards Safety Insp Rept 50-423/90-01 on 500105-0205  
WENZINGER, E.C. Region 1, Ofc of the Director 90/03/09 MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 2pp 53112-056-53112-080

-9003210333 Safety Insp Rept 50-423/90-01 on 900105-0205 Unresolved items noted. Major areas inspected plant operations, maint. & surveillance engineering & technical support, radiological controls & safety assessment & quality verification on  
HAVERKAMP, D.R. Region 1, Ofc of the Director 90/03/08 23pp 53112-058-53112-080.

9003200417 Responds to NRC 900202 re violations noted in Insp Rept 50-245/89-21 Corrective actions new. Stores instruction ST1013, "Mail Storage Requirements" developed to provide additional guidance to storage personnel  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
MROCZKA, E.J. Northeast Utilities 90/03/12 RUSSELL, W.T. Region 1, Ofc of the Director 5pp 53077-194-53077-198

9003210019 Forwards info re insp of facility emergency operating procedures per 900119 ltr  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
MROCZKA, E.J. Northeast Utilities 90/03/13 Document Control Branch (Document Control Desk) 2pp 53093-336-53093-337

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co of New York, Inc. 98pp 52997-150-52997-287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co of New York, Inc. 98pp 53035-129-53035-226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc ltr encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co of New York, Inc. 91pp 53166-057-53166-147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co of New York, Inc. 100pp 53132-001-53132-100

9003190348 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc ltr encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co of New York, Inc. 102pp 53165-007-53165-108

### R. Periodic operating reports & related correspondence

9003060301 "Haddam Neck Plant & Milstone Station Units 1, 2 & 3 Annual Rept for 1989." W/900221 ltr  
MROCZKA, E.J. Connecticut Yankee Atomic Power Co. 89/12/31. 547pp 52849-299-52851-125

9003150272 "Semiannual Radioactive Effluents Rept for Jul-Dec 1989." W/900228 ltr  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
MROCZKA, E.J. Northeast Utilities 89/12/31. 94pp 53028-001-53028-094

9003160175 Monthly operating rept for Feb 1990 for Milstone Nuclear Power Station, Unit 3 W/900308 ltr  
ELMS, A.L., SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
SCACE, S.E. Northeast Utilities 90/02/28. 5pp 53040-001-53040-005

### S. Reportable occurrences, LERs & related correspondence

900220666 LER 90-002-00 on 900109, partial Tran A containment depressurization actuation signal generated. Caused by personnel error. Warnings added to production maint mgt sys for recirculation spray sys pump breakers W/900207 ltr.  
CONWAY, R., SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
SCACE, S.E. Northeast Utilities 90/02/07. 5pp 52712-275-52712-278

9002270010 LER 90-003-00 on 900115, discovered that fire watches not established prior to removing deluge sys for Trans A & B reserve station svc transformers from svc. Caused by personnel error. Personnel counseled W/900214 ltr.  
FREEMAN, P.A., HAYNES, H.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
HAYNES, H.F. Northeast Utilities 90/02/14. 5pp 52747-187-52747-201

9002270029 LER 90-004-00 on 900115, nuclear instrument power range Channel N43 became inoperable due to power supply failure. Caused by computer program 3R5 design inadequacy. Night order issued to enter Tech Spec 4.2.1.1.1.b W/900214 ltr.  
MCCONNELL, J.W., SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
SCACE, S.E. Northeast Utilities 90/02/14. 4pp 52722-014-52722-017

9002270006 LER 90-005-00 on 900118, manual plant trip initiated in anticipation of automatic trip on lo-to-level in all four steam generators. Caused by loss of preload on coupling blocks from personnel error. Procedure revised W/900216 ltr.  
MARSHALL, F.M., HAYNES, H.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
HAYNES, H.F. Northeast Utilities 90/02/16. 5pp 52747-169-52747-173

9002270069 LER 90-006-00 on 900118, chemistry dept determined 6-month interval Tech Spec for average disintegration energy determination not met. Caused by inappropriate appliance of surveillance interval. Add controls placed W/900216 ltr.  
LANGAN, J.A., SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
SCACE, S.E. Northeast Utilities 90/02/16. 4pp 52722-049-52722-052

9003060237 LER 90-007-00 on 900125, discovered that Tech Spec surveillance did not verify load shedding of five compressors. Caused by procedural inadequacy & personnel error. Surveillance procedure revised W/900226 ltr.  
KELLER, R.N., SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
SCACE, S.E. Northeast Utilities 90/02/26. 5pp 52845-031-52845-035

9003090431 LER 90-007-00 on 900125, discovered that Tech Spec surveillance for verifying equipment responses to loss of power coincident w/ESF actuation, did not verify

9003130601 LER 89-031-01 on 891128, loose nozzle ring set screw on safety valve found w/steam discharging from set screw location. Caused by set screw threads valve replaced & recalled W/803228 ltr.  
HUTCHINS, D., SCACE, S.E. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
SCACE, S.E. Northeast Utilities 90/02/26. 5pp 52958-035-52958-039

### V. Operator Examinations

9003050238 Forwards responses to & comments on initial SALP Rept 50-424/89-26 & 50-425/89-26  
pence 820601 - 891115 Procedures revised to permit operators to adjust for reduced nuisance alarms  
MROCZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities)  
MROCZKA, E.J. Northeast Utilities 90/02/21 Document Control Branch (Document Control Desk) 19pp 52823-194-52823-212

### DOCKET 50-424 ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 1

### F. Security, medical, emergency & fire protection plans

9002260187 Forwards errata to final SALP Repts 50-424/89-26 & 50-425/89-26 - Sept 1989 per 891214 public meeting & 900108 response to re  
EBNETER, S.D. Region 2, Ofc of the Director 90/01/30 HAIRSTON, W.G. Georgia Power Co. 31pp 52725-202-52725-240

-9002260343 Errata to SALP Repts 50-424/89-26 & 50-425/89-26 for Oct 1989  
Region 2, Ofc of the Director 90/01/30 4pp 52725-237-52725-240

9002230135 Advises that 600122 Rev 15 to physical security & contingency plan w/10CFR50.54(p) & acceptable  
CLINE, W.E. Region 2, Ofc of the Director 90/02/07 HAIRSTON, W.G. Georgia Power Co. 3pp 52716-027-52716-029

9002270231 Advises that 900122 Rev 6 to security training & qualification plan w/10CFR50.54(p) & acceptable  
CLINE, W.E. Region 2, Ofc of the Director 90/02/09 HAIRSTON, W.G. Georgia Power Co. 3pp 52758-336-52758-338

9003050100 Discusses 890201 enforcement conference in Region II ofc to discuss of safeguards event reporting requirements on 870126 & 0401 no  
Investigations Repts 2-87-028 & 2-87-009 Enforcement action w/ not be  
EBNETER, S.D. Region 2, Ofc of the Director 90/02/14 HAIRSTON, W.G. Georgia Power Co. 4pp 52823-135-52823-138

9003070094 Revised EPIPs, including Rev 4 to 91107.C, Rev 4 to 91108.C  
91109.C W/900223 ltr.  
HAIRSTON, W.G. Georgia Power Co. 90/02/23. 11pp 52890-117-52890-117

9003120498 Advises that emergency operating procedure insp scheduled for 18 Insp would verify that emergency operating procedures technically specified actions can be meaningfully accomplished using existing equipment.  
FEEBLEST, A. Region 2, Ofc of the Director 90/03/01 HAIRSTON, W.G. Georgia Power Co. 3pp 52980-049-52980-051

9003200360 Confirms telecon notification of change in scheduled date of effectiveness review to wk of 900409-13  
CLINE, W.E. Region 2, Ofc of the Director 90/03/07 HAIRSTON, W.G. Georgia Power Co. 3pp 53104-302-53104-304

9003220148 Forwards Insp Repts 50-424/90-02 & 50-425/90-02 on 900115 violations noted but not cited.  
HERDT, A.R. Region 2, Ofc of the Director 90/03/08 HAIRSTON, W.G. Georgia Power Co. 3pp 53126-113-53126-134

-9003220150 Insp Repts 50-424/90-02 & 50-425/90-02 on 900108 violations noted. Major areas inspected plant operations, controls, security, maint. & quality programs.  
AIELLO, R.F., STARKEY, R.D., BROCKMAN, K.E. Region 2, Ofc of the Director 90/03/08 19pp 53126-116-53126-134

9003150071 Forwards Amend 16 to physical security & contingency plan hold (ref 10CFR73.21)  
HAIRSTON, W.G. Georgia Power Co. 90/03/12 Document Control Branch (Document Control Desk) 2pp 53032-162-53032-163

9003190047 Forwards correction to Amend 16 to physical security & contingency plan, consisting of instructions for procedures, safeguards & vendor documents.  
Georgia Power Co. 90/03/15 Document Control Branch (Document Control Desk) 2pp 53050-352-53050-354

### H. General correspondence

9003220318 Comment on proposed rule 10CFR50, "Fracture Toughness for Protection Against PTS Events." Agrees w/ NUMARC comments  
HAIRSTON, W.G. Georgia Power Co. 90/03/12 CHILK, S.J. Office of the Director 1p 53086-224-53086-224

### J. Insurance & indemnity information

9003210371 Provides summary rept of property damage insurance



## P. Operating license stage documents & correspondence

- 9002230550 Forwards environ assessment & finding of no significant impact re 860928 application for amend to exemption from requirement of Footnote d(2)(c) of App A to 10CFR20, allowing MSA GMR-1 canisters to be stored in Class C storage environ.  
REED, T.A. Project Directorate II-3. 90/02/20. HAIRSTON, W.G. Georgia Power Co. 2pp. 52715-108-52715-110
- 9002230554 Environ assessment & finding of no significant impact re amend to exemption from requirement of Footnote d(2)(c) of App A to 10CFR20, allowing authorized MSA GMR-1 canisters to be stored in Class C storage environ.  
MATTHEWS, D.B. Project Directorate II-3. 90/02/20. 3pp. 52715-108-52715-110
- 9003070204 Forwards Amends 28 & 9 to Licenses NPF-68 & NPF-81, respectively & safety evaluation Amends enable nonrated chemical additions to be made to RCS under administrative control during Modes 5 & Mode 6 using storage tank flow path.  
REED, T.A. Project Directorate II-3. 90/02/20. HAIRSTON, W.G. Georgia Power Co. 2pp. 52889-036-52889-052.
- 9003070209 Amends 28 & 9 to Licenses NPF-68 & NPF-81, respectively, enabling non-rated chemical additions to be made to RCS under administrative control during Modes 5 & 6.  
MATTHEWS, D.B. Project Directorate II-3. 90/02/20. 12pp. 52889-037-52889-048
- 9003070212 Safety eval'n on supporting Amends 28 & 9 to Licenses NPF-68 & NPF-81, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/20. 4pp. 52889-049-52889-052.
- 9003090448 Forwards Amends 29 & 10 to Licenses NPF-68 & NPF-81, respectively & safety evaluation Amends will revise rod insertion limits to allow withdrawn range of 222 steps to 231 steps.  
REED, T.A. Project Directorate II-3. 90/02/20. HAIRSTON, W.G. Georgia Power Co. 3pp. 52945-083-52945-102.
- 9003090453 Amends 29 & 10 to Licenses NPF-68 & NPF-81, respectively, revising rod insertion limits to allow withdrawn range of 222 steps to 231 steps.  
MATTHEWS, D.B. Project Directorate II-3. 90/02/20. 16pp. 52945-086-52945-099
- 9003090459 Safety evaluation supporting Amends 29 & 10 to Licenses NPF-68 & NPF-81, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/20. 3pp. 52945-100-52945-102.
- 9003140331 Forwards Amends 27 & 8 to Licenses NPF-68 & NPF-81, respectively & safety evaluation Amends revise requirements for inoperable containment hydrogen monitors for consistency.  
HOPKINS, J.B. Project Directorate II-3. 90/02/20. HAIRSTON, W.G. Georgia Power Co. 2pp. 53001-083-53001-097.
- 9003140336 Amends 27 & 8 to Licenses NPF-68 & NPF-81, respectively. Amends revise requirements for inoperable containment hydrogen monitors for consistency.  
MATTHEWS, D.B. Project Directorate II-3. 90/02/20. 9pp. 53001-086-53001-094.
- 9003140344 Safety evaluation supporting Amends 27 & 8 to Licenses NPF-68 & NPF-81, respectively.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/20. 3pp. 53001-095-53001-097.
- 9002270404 Notification of 900226 meeting w/utl & Westinghouse in Rockville, MD to discuss Unit 1 pressurizer surge line thermal stratification analysis.  
REED, T.A. Project Directorate II-3. 90/02/22. MATTHEWS, D.B. Project Directorate II-3. 4pp. 52766-158-52766-161.
- 9002280084 Forwards exemption amend allowing Class C storage for certain solvent iodine radiation protection canisters used by workers at facility, in response to 890928 request Safety evaluation also encl.  
REED, T.A. Project Directorate II-3. 90/02/23. HAIRSTON, W.G. Georgia Power Co. 2pp. 52760-351-52760-358.
- 9002280086 Exemption permitting Class C storage for solvent iodine respiratory protection canisters used by workers at facility.  
VARGA, S.A. Division of Reactor Projects - I/II (Post 870411). 90/02/23. Georgia Power Co. 4pp. 52760-353-52760-358.
- 9002280089 Safety evaluation supporting unit 890928 request for exemption to allow use of GMR-1 canisters to be stored in Class C storage environ vs Class A storage environ per ANSI N45.22.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/23. 2pp. 52760-357-52760-358.
- 9003260458 Forwards presentation matts used during 900226 meeting re pressure surge line stratification issue. Encl withheld (ref 10CFR2.790).  
JOHNSON, W.J. Westinghouse Electric Corp. 90/02/23. SHAO, L.C. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 53158-303-53158-303.
- 9003060211 Withdraws 881107 proposed amend to Tech Spec 3.8.1.1, revising action requirements for inoperable diesel generator to clarify acceptability of air roll tests on remaining operable diesel generator.  
HAIRSTON, W.G. Georgia Power Co. 90/02/26. Document Control Branch (Document Control Desk). 2pp. 52887-296-52887-297.
- 9003120458 Forwards details of Anonymous Allegation RII-90-A-0024 & informs that NRC has not made attempt to ascertain accuracy or validity of info supplied by informant. Details withheld (ref 10CFR2.790).  
REYES, L.A. Region 2, Oic of the Director. 90/02/28. HAIRSTON, W.G. Georgia Power Co. 3pp. 52895-071-52895-073.
- 9003190306 Summary of 900226 meeting w/utl re thermal stratification in pressurizer surge line Analysis demonstrating structural integrity of surge line over remaining life-time of Unit 1 performed W/audit agenda re utl response to Bulletin 88-11.  
CROCKER, L.P. Project Directorate II-3. 90/02/28. Project Directorate II-3. 6pp. 53067-269-53067-274.
- 9003120401 Application for amends to Licenses NPF-68 & NPF-81, revising Section 6.7.4.a by removing boron recycle from description sys included in program to reduce leakage from sys that could contain highly radioactive fluids following accident.  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 6pp. 53013-227-53013-233.

9003120408 Proposed Tech Specs, revising Section 6.7.4.a by removing boron recycle from description of sys included in program to reduce leakage from sys that could potentially contain highly radioactive fluids following accident.  
\* Georgia Power Co. 90/03/01. 1p. 53013-233-53013-233

9003120422 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Input Survey." Info provides NRC w/insight on time managers spend on responding to insps & audits.  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 13pp. 52974-103-52974-115

9003140231 Advises that 890116 & 0217 responses to Generic Ltr 88-14, "Instrument Air Supply Problems Affecting Safety-Related Equipment" addressed all listed items re proper instrument air quality. Files on s.b. should be maintained.  
REED, T.A. Project Directorate II-3. 90/03/05. HAIRSTON, W.G. Georgia Power Co. 3pp. 53018-065-53018-067.

9003140047 Forwards Cycle 3 radial peaking factor limit rupt & elevation dependent peaking factor vs core height graph.  
HAIRSTON, W.G. Georgia Power Co. 90/03/06. Document Control Branch (Document Control Desk). 3pp. 53018-101-53018-103

9003140133 Forwards plant pipe break isometrics, Vols 1 & 2 & advises that encl figures have been revised to be consistent w/pipe analysis in effect at time that Unit 2 received DL, including rows through 890930 W/309 oversize figures.  
HAIRSTON, W.G. Georgia Power Co. 90/03/06. Document Control Branch (Document Control Desk). 2pp. 52957-308-52957-309.

9003200101 Summary of 900208 meeting w/utl in Baxley, GA re issues of mutual interest list of attendees & agenda for meeting encl.  
CROCKER, L.P. Project Directorate II-3. 90/03/08. Project Directorate II-3. 16pp. 53071-316-53071-361.

9003270208 Submits response to 891121 request for aid: info re settlement monitoring program. Current surveying procedures used by plant to monitor settlement of major structures outlined in Procedure 84301.C.W/41 oversize drawings.  
HAIRSTON, W.G. Georgia Power Co. 90/03/19. Document Control Branch (Document Control Desk). 58pp. 53189-171-53189-228

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-089.

## Q. Inspection reports, IE Bulletins & correspondence

9002260187 Forwards errata to final SALP Rpts 50-424/89-26 & 50-425/89-30 for Oct 1988 - Sept 1989, per 891214 public meeting & w/1 900108 response to repts.  
EBNETER, S.D. Region 2, Oic of the Director. 90/01/30. HAIRSTON, W.G. Georgia Power Co. 31pp. 52725-202-52725-240.

9002260343 Errata to SALP Rpts 50-424/89-26 & 50-425/89-30 for Oct 1988 - Sept 1989.  
\* Region 2, Oic of the Director. 90/01/30. 4pp. 52725-237-52725-240

9003050106 Discusses 890201 enforcement conference in Region II etc. to review violations of safeguards event reporting requirements on 870126 & 0401 noted in Oic of Investigations Rpts 2-87-008 & 2-87-009. Enforcement action will not be taken.  
EBNETER, S.D. Region 2, Oic of the Director. 90/02/14. HAIRSTON, W.G. Georgia Power Co. 4pp. 52823-135-52823-138

9003050118 Forwards Insp Rpts 50-424/00-03 & 50-425/90-03 on 900122-26. No violations or deviations noted.  
PEEBLES, T.A. Region 2, Oic of the Director. 90/02/20. HAIRSTON, W.G. Georgia Power Co. 3pp. 52825-181-52825-191.

9003050119 Insp Rpts 50-424/90-03 & 50-425/90-03 on 900122-26. No violations or deviations noted. Weaknesses noted re updating controlled drawings. Major areas inspected. QA for startup test program (Unit 2) & design changes & mods.  
THOMAS, M., JAF, F. Region 2, Oic of the Director. 90/02/14. 8pp. 52825-184-52825-191.

9003130323 Ack receipt of 900202 ltr informing NRC of steps taken to correct violations noted in Insp Rpts 50-424/88-33 & 50-425/88-38.  
HERDT, A.R. Region 2, Oic of the Director. 90/02/22. HAIRSTON, W.G. Georgia Power Co. 3pp. 53014-334-53014-336.

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776-262-52776-360.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 90pp. 52776-163-52776-261.

9002230378 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844-001-52844-099.

9003190306 Summary of 900226 meeting w/utl re thermal stratification in pressurizer surge line Analysis demonstrating structural integrity of surge line over remaining life-time of Unit 1 performed W/audit agenda re utl response to Bulletin 88-11.  
CROCKER, L.P. Project Directorate II-3. 90/02/28. Project Directorate II-3. 6pp. 53067-269-53067-274.

9003120422 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Input Survey." Info provides NRC w/insight on time managers spend on responding to insps & audits.  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 13pp. 52974-103-52974-115.

900220661 NRC Info Notice 90-014 "Accidental Disposal of Radioactive Materials" Svc list encl  
CUNNINGHAM R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/06 Consolidated Edison Co. of New York, Inc. 60pp 52997-001-52997-091

9003010172 NRC Info Notice 90-015 "Respectfully Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States" Svc list encl  
CUNNINGHAM R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997-095-52997-189

9003010227 NRC Info Notice 90-016 "Compliance With Decommissioning Rules" Svc list encl  
BANGART R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413)  
90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997-285-52997-015

9003010293 Suppl 2 to NRC Info Notice 89-059 "Suppliers of Potentially Misrepresented Facilities" Svc list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/07  
Consolidated Edison Co. of New York, Inc. 100pp 52844-199-52844-298

9003020211 NRC Info Notice 90-017 "Weight & Center of Gravity Discrepancies for Copes-Vulcan Vessels" Svc list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 104pp 52863-036-52863-199

9003220148 Forwards Insp Repts 50-424/90-02 & 50-425/90-02 on 900106-0216 Violations noted but not cited  
HERDT A.R. Region 2, Oic of the Director 90/03/08 HAIRSTON, W.G. Georgia Power Co. 3pp 53126-113-53126-131

-9003220150 Insp Repts 50-424/90-02 & 50-425/90-02 on 900106-0216 Non-cited violations noted Major areas inspected plant operations radiological controls security, maint & quality programs  
AIELLO R.F., STARKLEY, R.D., BROCKMAN, K.E. Region 2, Oic of the Director 90/03/07 19pp 53126-116-53126-134

9003050043 NRC Info Notice 90-018 "Potential Problems With Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 100pp 52863-260-52863-263

9003050148 NRC Bulletin 90-001 "Loss of FIDM Transmitters Mfg by Rosemount" Svc list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 102pp 52993-395-52993-048

9003220164 Forwards Exam Rept 50-424/OL-90-01 on 900212-16 for both units  
PEEBLES, T.A. Region 2, Oic of the Director 90/03/12 HAIRSTON, W.G. Georgia Power Co. 2pp 53122-258-53122-004

-9003220170 Exam Rept 50-424/OL-90-01 on 900212-16 for both units Exam results all senior reactor operator applicants passed exams  
ERNSTES, M.E., MUNRO, J.F. Region 2, Oic of the Director 90/03/12 105pp 53122-260-53122-004

9003080213 NRC Info Notice 90-019 "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc. 98pp 52997-190-52997-287

9003200048 Forwards Insp Repts 50-424/90-04 & 50-425/90-04 on 900220-23 Violations noted but not cited Encl withheld (ref 10CFR2.790 (d) & 73.21)  
CLINE, W.E. Region 2, Oic of the Director 90/03/14 HAIRSTON, W.G. Georgia Power Co. 3pp 53105-001-53105-003

9003130012 NRC Bulletin 90-002 "Loss of Thermal Margin Caused by Channel Box Bow" Svc list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/20  
Consolidated Edison Co. of New York, Inc. 98pp 53035-128-53035-226

9003160224 NRC Info Notice 90-020 "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc list encl  
CUNNINGHAM R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53168-057-53168-147

9003160308 NRC Info Notice 90-021 "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 100pp 53132-001-53132-100

9003190349 NRC Info Notice 90-022 "Unanticipated Equipment Activations Following Restoration of Power to Rosemount Transmitter Trip Units" Svc list encl  
ROSSI C.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165-007-53165-108

## R. Periodic operating reports & related correspondence

9003140300 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989" W/ 900228 ltr  
HAIRSTON, W.G. Georgia Power Co. 89/12/31. 168pp. 63018-167-63018-324.

9003060244 LER 90-021-001 on 900124 reactor tripped when MSV failed to reposition automatically at 10% closed position as designed & indicator illuminated & position lost Caused by failed limit switches replaced & switch actuated 5/22/90  
CDOM, R.M. HAIRSTON, W.G. Georgia Power Co. 90/02/23 6pp 52872-52872-240

## V. Operator Examinations

9002220677 Advises that H.H. Butterworth no longer employed by unit  
HAIRSTON, W.G. Georgia Power Co. 90/02/17 CASIO, C. Region 2, Oic of the Director 1p 52705-251-52705-251

9003220164 Forwards Exam Rept 50-424/OL-90-01 on 900212-16 for both units  
PEEBLES, T.A. Region 2, Oic of the Director 90/03/12 HAIRSTON, W.G. Georgia Power Co. 2pp 53122-258-53122-004

-9003220170 Exam Rept 50-424/OL-90-01 on 900212-16 for both units Exam results senior reactor operator applicants passed exams  
ERNSTES, M.E., MUNRO, J.F. Region 2, Oic of the Director 90/03/12 105pp 53122-260-53122-004

## DOCKET 50-425 ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 2

## F. Security, medical, emergency & fire protection plans

9002260187 Forwards errata to final SALP Repts 50-424/89-26 & 50-425/89-39 for Oct 1989 - Sept 1989 per 891214 public meeting & all 900105 response to repts  
EBNETER, S.D. Region 2, Oic of the Director 90/01/30 HAIRSTON, W.G. Georgia Power Co. 31pp 52725-202-52725-240

-9002260343 Errata to SALP Repts 50-424/89-26 & 50-425/89-39 for Oct 1989 - Sept 1989  
Region 2, Oic of the Director 90/01/30 4pp 52725-237-52725-240

9002220135 Advises that 900122 Rev 15 to physical security & contingency plan consistent w/ 10CFR50.54(p) & acceptable  
CLINE, W.E. Region 2, Oic of the Director 90/02/07 HAIRSTON, W.G. Georgia Power Co. 3pp 52716-027-52716-029

9002220231 Advises that 900122 Rev 6 to security training & qualification program consistent w/ 10CFR50.54(p) & acceptable  
CLINE, W.E. Region 2, Oic of the Director 90/02/09 HAIRSTON, W.G. Georgia Power Co. 3pp 52758-336-52758-338

9003050100 Discusses 890201 enforcement conference in Region II etc to review violations of safeguards event reporting requirements on 870126 & 0401 noted in Oic of Investigations Repts 2-87-008 & 2-87-009 Enforcement action will not be taken  
EBNETER, S.D. Region 2, Oic of the Director 90/02/14 HAIRSTON, W.G. Georgia Power Co. 4pp 52823-135-52823-138

9003070094 Revised EIPs, including Rev 4 to 91107-C, Rev 4 to 91108-C & Rev 3 to 91109-C w/ 900223 ltr  
HAIRSTON, W.G. Georgia Power Co. 90/02/23. 11pp 52890-117-52890-127

9003120498 Advises that emergency operating procedure insp scheduled for 900530-18 Insp would verify that emergency operating procedures technically accurate & that specified actions can be meaningfully accomplished using existing equipment  
PEEBLES, T.A. Region 2, Oic of the Director 90/03/01 HAIRSTON, W.G. Georgia Power Co. 3pp 52880-048-52880-051

9003200360 Confirms telcon notification of change in scheduled date of regulatory effectiveness review to wk of 900409-13  
CLINE, W.E. Region 2, Oic of the Director 90/03/07 HAIRSTON, W.G. Georgia Power Co. 3pp 53104-302-53104-304

9003220148 Forwards Insp Repts 50-424/90-02 & 50-425/90-02 on 900106-0216 Violations noted but not cited  
HERDT, A.R. Region 2, Oic of the Director 90/03/08 HAIRSTON, W.G. Georgia Power Co. 3pp 53126-113-53126-134

-9003220160 Insp Repts 50-424/90-02 & 50-425/90-02 on 900106-0216 Non-cited violations noted Major areas inspected plant operations radiological controls security, maint & quality programs  
AIELLO, R.F. Region 2, Oic of the Director 90/03/07. 19pp 53126-116-53126-134

9003150071 Forwards Amend 16 to physical security & contingency plan. Amend withheld (ref 10CFR73.21)  
HAIRSTON, W.G. Georgia Power Co. 90/03/12. Document Control Branch (Document Control Desk). 2pp 53032-182-53032-183

9003190047 Forwards correction to Amend 16 to physical security & contingency plan, consisting of instructions for procedures, safeguards & vendor documents  
Georgia Power Co. 90/03/15. Document Control Branch (Document Control Desk) 2pp 53050-352-53050-354

## General correspondence

3220318 Comment on proposed rule 10CFR50. "Fracture Toughness Requirements - Protection Against PTS Events." Agrees w/ NUMARC comments  
HAIRSTON, W.G. Georgia Power Co. 90/03/12 CHILK, S.J. Office of the Secretary of the Commission. 1p 53086.224-53086.224

## Insurance &amp; Indemnity Information

3210371 Provides summary report of property damage insurance levels, per 10CFR50.54(w)(1)  
HAIRSTON, W.G. Georgia Power Co. 90/03/06. Document Control Branch (Document Control Desk). 2pp 53104.274-53104.275

## Operating license stage documents &amp; correspondence

3070204 Forwards Amends 28 & 9 to Licenses NPF-68 & NPF-81, respectively & safety evaluation Amends enabling incorporated chemical additions to be made to RCS under administrative control during Mode 5 & Mode 6 using storage tank flow path.  
ED, T.A. Project Directorate II-3. 90/02/20. HAIRSTON, W.G. Georgia Power Co. 52869.033-52869.052

3070209 Amends 28 & 9 to Licenses NPF-68 & NPF-81, respectively, enabling incorporated chemical additions to be made to RCS under administrative control during Modes 5 & 6  
THEW, D.B. Project Directorate II-3. 90/02/20. 12pp 52889.033-52889.048

3070212 Safety evaluation supporting Amends 28 & 9 to Licenses NPF-68 & NPF-81, respectively  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/20. 4pp 52945.52869.052

3090448 Forwards Amends 29 & 10 to Licenses NPF-68 & NPF-81, respectively & safety evaluation Amends will revise requirements to allow withdrawn range of 2 steps to 231 steps  
ED, T.A. Project Directorate II-3. 90/02/20. HAIRSTON, W.G. Georgia Power Co. 52945.693-52945.102

3090463 Amends 29 & 10 to Licenses NPF-68 & NPF-81, respectively, revising withdrawn limits to allow withdrawn range of 232 steps to 231 steps  
THEW, D.B. Project Directorate II-3. 90/02/20. 16pp 52945.096-52945.093

3090459 Safety evaluation supporting Amends 29 & 10 to Licenses NPF-68 & NPF-81, respectively  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/20. 3pp 52945.100-52945.102

3100331 Forwards Amends 27 & 8 to Licenses NPF-68 & NPF-81, respectively & safety evaluation Amends revise requirements for reportable containment hydrogen events for consistency  
FRIK, S.J.B. Project Directorate II-3. 90/02/20. HAIRSTON, W.G. Georgia Power Co. 53001.093-53001.097

3140336 Amends 27 & 8 to Licenses NPF-68 & NPF-81, respectively. Amends revise requirements for reportable containment hydrogen events for consistency  
THEW, D.B. Project Directorate II-3. 90/02/20. 9pp 53001.086-53001.094

3140344 Safety evaluation supporting Amends 27 & 8 to Licenses NPF-68 & NPF-81, respectively  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/20. 3pp 53095.53001.507

3070404 Notification of 500226 meeting with Westinghouse in Rockville, MD to discuss Unit 1 pressurizer surge & thermal stratification analysis  
ED, T.A. Project Directorate II-3. 90/02/22. MATTHEWS, D.B. Project Directorate II-3. 52756.158-52756.161

3040459 Forwards presentation matrix used during 500226 meeting re pressure surge stratification issue. Enclosed (ref 10CFR2.700)  
INSO, W.J. Westinghouse Electric Corp. 90/02/23. SHAO, L.C. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p 53156.303-53156.303

3020111 Withdraws 881107 proposed amendment to Tech Spec 3.8.1.1, revising action requirements for reportable diesel generator to clearly acceptability of air roll tests on aging operable diesel generator  
HAIRSTON, W.G. Georgia Power Co. 90/02/28. Document Control Branch (Document Control Desk). 2pp 52887.296-52887.297

3040459 Forwards details of Anonymous Allegation RIR-93-A-0024 & informs that C has not made attempt to ascertain accuracy or validity of info supplied by informant dated w/hold (ref 10CFR2.700)  
ED, T.A. Region 2, Office of the Director. 90/02/28. HAIRSTON, W.G. Georgia Power Co. 52995.071-52995.073

20401 Application for amends to Licenses NPF-68 & NPF-81, revising Section 4a by removing boron recycles from description sys included in program to reduce leakage from sys that could contain highly radioactive fluids following accident.  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 6pp 53013.227-53013.233

1120406 Proposed Tech Specs revising Section 6.7.4.b by removing boron recycle description of sys included in program to reduce leakage from sys that could possibly contain highly radioactive fluids following accident.  
Georgia Power Co. 90/03/01. 1p 53013.233-53013.233

20422 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Input Survey." Info provides NRC with time managers spend on responding to insps & audits.  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 13pp 52974.103-52974.115

20231 Advises that 890116 & 0217 responses to Generic Ltr 88-14, "Instrument Supply Problems Affecting Safety-Related Equipment" addressed all listed items re instrument air quality. Files on subj should be maintained.  
ED, T.A. Project Directorate II-3. 90/03/05. HAIRSTON, W.G. Georgia Power Co. 53018.065-53018.067

9003140133 Forwards plant pipe break isometrics, Vols 1 & 2 & advises that encl figures have been revised to be consistent w/ pipe analysis in effect at time that Unit 2 received OI, including revisions through 990930 W/309 oversized figures.  
HAIRSTON, W.G. Georgia Power Co. 90/03/08. Document Control Branch (Document Control Desk). 2pp 52957.328-52957.309

9003200101 Summary of 900208 meeting w/ Unit in Baxley, GA re issues of mutual interest. List of attendees & agenda for meeting encl.  
CHICKER, L.P. Project Directorate II-3. 90/03/08. Project Directorate II-3. 16pp 53071.346-53071.361

9003270208 Submit response to 891121 request for additional info re settlement monitoring program. Current surveying procedures used by plant to monitor settlement of major structures outlined in Procedure 84301-C/W/41 covers 20 drawings.  
HAIRSTON, W.G. Georgia Power Co. 90/03/10. Document Control Branch (Document Control Desk). 58pp 53189.171-53189.229

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2 Part 2. Vendor interface for Safety-Related Components. Svc list encl.  
HAIRSTON, W.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp 53195.014-53195.069

## G. Inspection reports, IE Bulletins &amp; correspondence

9002260187 Forwards encls to final SALP Repts 50-424/89-26 & 50-425/89-30 for Oct 1989 - Sept 1989, per 891214 public meeting & 89193108 response to repts.  
ED, T.A. Region 2, Office of the Director. 90/01/30. HAIRSTON, W.G. Georgia Power Co. 3pp 52725.202-52725.240

9002260343 Errata to SALP Repts 50-424/89-26 & 50-425/89-30 for Oct 1989 - Sept 1989  
Region 2, Office of the Director. 90/01/30. 4pp 52725.237-52725.240

9003050100 Discusses 890201 enforcement conference in Region II office to review violations of safety-related event reporting requirements on 870126 & 0401 noted in Office of Inspectors' Repts 2 87-028 & 2 87-009 Enforcement action will not be taken.  
ED, T.A. Region 2, Office of the Director. 90/02/14. HAIRSTON, W.G. Georgia Power Co. 4pp 52823.136-52823.138

9003050116 Forwards insps Repts 50-424/90-03 & 50-425/90-03 on 900122-26 No violations or deviations noted.  
PEEBLES, T.A. Region 2, Office of the Director. 90/02/20. HAIRSTON, W.G. Georgia Power Co. 4pp 52825.181-52825.191

9003050119 Insp Repts 50-424/90-03 & 50-425/90-03 on 900122-26 No violations or deviations noted. Weaknesses noted in updating controlled drawings. Major areas inspected QA for startup test program (Unit 2) & design changes & mods.  
THOMAS, M. RAPE, Region 2, Office of the Director. 90/02/14. 8pp 52825.184-52825.191

9003130323 Ack receipt of 500202 re informing NRC of steps taken to correct violations noted in Insp Repts 50-424/89-33 & 50-425/89-38.  
ED, T.A. Region 2, Office of the Director. 90/02/22. HAIRSTON, W.G. Georgia Power Co. 3pp 53014.334-53014.336

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Internal BOP." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp 52776.262-52776.360

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp 52776.163-52776.261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 88pp 52844.001-52844.099

9003120422 Forwards completed questionnaire in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Input Survey." Info provides NRC with time managers spend on responding to insps & audits.  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 13pp 52974.103-52974.115

9003120436 Responds to violations noted in Insp Repts 50-424/89-35 & 50-425/89-40 on 891202-90105. Corrective actions QC hold points not assigned for lifting of wires & QC hold points assigned for retermination of wires.  
HAIRSTON, W.G. Georgia Power Co. 90/03/01. Document Control Branch (Document Control Desk). 4pp 52971.352-52971.355

9003120498 Advises that emergency operating procedure insps scheduled for 900507-18. Insp would verify that emergency operating procedures technically accurate & that specific actions can be meaningfully accomplished using existing equipment.  
PEEBLES, T.A. Region 2, Office of the Director. 90/03/01. HAIRSTON, W.G. Georgia Power Co. 3pp 52980.049-52980.051

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp 52844.100-52844.198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Wastes." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp 52997.001-52997.094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 85pp 52997.095-52997.188

900310227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule"  
Svc list encl  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997 288-52999 018

900310293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 238

900320211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52963 096-52963 193

9003220148 Forwards Insp Repts 50-424/90-02 & 50-425/90-02 on 900105-0216 Violations noted but not cited  
HERDT, A.R. Region 2, OIC of the Director 90/03/08 HAIRSTON, W.G. Georgia Power Co. 3pp 53126 113-53126 134

-9003220150 Insp Repts 50-424/90-02 & 50-425/90-02 on 900106-0216 Non-cited violations noted Major areas inspected plant operator's radiological controls, security, maintenance & quality programs  
AELLO, R.F., STARKEY, R.D., BROCKMAN, K.E. Region 2, OIC of the Director 90/03/07 19pp 53126 116-53126 134

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp 52963 300-52964 048

9003220164 Forwards Exam Rept 50-424/OL-90-01 on 900212-16 for both units  
PEEBLES, T.A. Region 2, OIC of the Director 90/03/12 HAIRSTON, W.G. Georgia Power Co. 2pp 53122 258-53123 004

-9003220170 Exam Rept 50-424/OL-90-01 on 900212-16 for both units Exam results re senior reactor operator applicants passed exams  
ERNSTES, M.E. Region 2, OIC of the Director 90/03/12 105pp 53122 260-53123 004

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp 52997 190-52997 287

9003200048 Forwards Insp Repts 50-424/90-04 & 50-425/90-04 on 900220-23 Violations noted but not cited Encl with the ref 10CFR2.790 (d) & 73.211  
CLINE, W.E. Region 2, OIC of the Director 90/03/14 HAIRSTON, W.G. Georgia Power Co. 3pp 53105 001-53105 003

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53166 057-53166 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Tnp Units" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53166 108

#### R. Periodic operating reports & related correspondence

9003140300 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989" W/ 900228 ltr  
HAIRSTON, W.G. Georgia Power Co. 89/12/31. 158pp 53018 167-53018 324

9003060201 Forwards "1989 Annual Rept - Part 1" Part 2 will be submitted by 900501.  
HAIRSTON, W.G. Georgia Power Co. 90/02/28 Document Control Branch (Document Control Desk). 1p 52838 122-52838 130

-9003060204 "1989 Annual Rept - Part 1"  
Georgia Power Co. 89/12/31. 8pp 52838 123-52838 130

9003200143 Monthly operating reports for Feb 1990 for Vogtle Electric Generating Plant, Units 1 & 2 W/9003312 ltr  
WILLIAMS, J.C., MCCOY, C.K. Georgia Power Co. 90/02/28. 13pp 53075 244-53075 258

#### S. Reportable occurrences, LERs & related correspondence

9003060269 Special Rept 2-90-02 on 900124 & 25, when start button depressed, diesel generator 2A rolled slowly for approx two turns but did not start On 900201, when diesel paralleled to grid, low excitation alarm received Bridge circuit repaired.  
HAIRSTON, W.G. Georgia Power Co. 90/02/19. Document Control Branch (Document Control Desk). 3pp 52851 154-52851 156

9003210060 Special Rept 2-90-02-01 on 900124 & 25, Diesel Generators 2A & 2B failed, respectively. Caused by air leak from right bank air start blocking valve solenoids Air start distributor filters replaced.  
HAIRSTON, W.G. Georgia Power Co. 90/03/12. Document Control Branch (Document Control Desk). 3pp 53132 190-53132 192

9002220677 Advises that H.H. Battenwren no longer employed by HAIRSTON, W.G. Georgia Power Co. 90/02/12 CASTO, C. Region 2, OIC of the Director. 1p 52705 251-52705 251

9003220184 Forwards Exam Rept 50-424/OL-90-01 on 900212-16 for both units  
PEEBLES, T.A. Region 2, OIC of the Director 90/03/12 HAIRSTON, W.G. Georgia Power Co. 2pp 53122 258-53123 034

-9003220170 Exam Rept 50-424/OL-90-01 on 900212-16 for both units Exam results re senior reactor operator applicants passed exams  
ERNSTES, M.E., MUNRO, J.F. Region 2, OIC of the Director 90/03/12 105pp 53122 260-53123 034

#### DOCKET STN-50-437 FLOATING NUCLEAR PLANT

#### A. Application/construction stage documents & correspondence

9003140089 Generic Ltr 50-03 to all power reactor licensees & applicants re assignment of staff position in Generic Ltr 81-28, item 2.2, Part 2. "Vendor interface for Safety Related Components" Svc list encl  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195 014-53195 069

#### Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of the Condenser 600" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 360

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Sealed Operator Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 99pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 98pp 52844 001-52844 039

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safety-related Event Logs" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 99pp 52844 100-52844 188

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/28 Consolidated Edison Co. of New York, Inc. 89pp 52997 001-52997 054

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997 095-52997 169

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule" Svc list encl  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997 258-52999 018

900310293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 298

900320211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52963 096-52963 199

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 108pp 52963 300-52964 048

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp 52997 190-52997 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53166 057-53166 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108

## DOCKET 50-438 BELLEFONTE NUCLEAR PLANT, UNIT 1

### A. Application/construction stage documents & correspondence

9002140229 Provides updated response to Generic Ltr 83-28, Item 2.2.2. Guidelines submitted by NRC 870211 ltr will be incorporated into corporate std for issuance by 900731. Document will describe TVA vendor manual control program. RAY,M.J. Tennessee Valley Authority. 90/02/07. Document Control Branch (Document Control Desk). 3pp. 52737.054-52737.056.

9002270157 Forwards Rev 0 to "TVA Nuclear QA Plan," including all corrected & revised pages & changes made per 891003 meeting, various telcons & previous submittals. Plan will be implemented by 900630. RAY,M.J. Tennessee Valley Authority. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52756.198-52756.313.

-9002270367 Rev 0 to "TVA Nuclear QA Plan." KINGSLEY,O.D. Tennessee Valley Authority. 90/06/30. 113pp. 52756.200-52756.313.

9003120692 Responds to SC Black 900129 ltr requesting info re compliance w/ 10CFR26. Util believes action necessary in interest of public safety & defensible under law. KINGSLEY,O.D. Tennessee Valley Authority. 90/03/02. TAYLOR,J.M. Ofc of the Executive Director for Operations. 6pp. 52998.272-52998.277.

9003160217 Forwards Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description." WALLACE,E.G. Tennessee Valley Authority. 90/03/09. Document Control Branch (Document Control Desk). 5pp. 53039.161-53039.223.

-9003160379 Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description." Tennessee Valley Authority. TVA-NPOD89 R01. 90/03/01. 57pp. 53039.166-53039.223.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

### H. General correspondence

9003140372 Advises of senior mgt changes. PR Mandava resigned 900216 & position will remain vacant until replacement named. EG Wallace named manager for nuclear licensing & regulatory affairs. KINGSLEY,O.D. Tennessee Valley Authority. 90/02/27. CRUTCHFIELD,D. Division of Reactor Projects - III,IV,V & Special Projects (Post 870411). 2pp. 53000.299-53000.300.

### I. Inspection reports, IE Bulletins & correspondence

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776.282-52776.380.

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operated Valves." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844.001-52844.099.

9003140400 Confirms 900302 telcon re 900201 notice of violation. Period for response to notice of violation extended until NRC takes action on 900212 request for repl. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 53000.279-53000.280.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844.100-52844.198.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

9003010172 NRC Info Notice 90-015, "Reciprocity/Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997.085-52997.189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997.288-52997.018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

9003150312 Forwards redacted investigation Rept 2-86-015 & extends requested 30-day response time by addl 30 days from ltr date to allow review & respond as appropriate, per util 900212 request. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101-900602). 90/03/07. KINGSLEY,O.D. Tennessee Valley Authority. 2pp. 53033.111-53033.112.

-9003150359 Redacted investigation Rept 2-86-015 re alleged mat false statement by two senior TVA managers. Investigation determined that TVA general counsel intentionally misled NRC re TVA handling of Energy Reorganization Act complaints. NORTON,L.J. Ofc of Investigations (Post 880201). 89/04/14. 695pp. 53033.113-53033.087.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 103pp. 52963.300-52963.048.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003260117 Provides revised corrective action plan intended to refine plan to accomplish more effective documentation of training by placing responsibility on supervisor/manager in nuclear engineering. MEDFORD,M.O. Tennessee Valley Authority. 90/03/18. Document Control Branch (Document Control Desk). 5pp. 53190.153-53190.157.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 99pp. 53035.129-53035.226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

## DOCKET 50-439 BELLEFONTE NUCLEAR PLANT, UNIT 2

### A. Application/construction stage documents & correspondence

9002140229 Provides updated response to Generic Ltr 83-28, Item 2.2.2. Guidelines submitted by NRC 870211 ltr will be incorporated into corporate std for issuance by 900731. Document will describe TVA vendor manual control program. RAY,M.J. Tennessee Valley Authority. 90/02/07. Document Control Branch (Document Control Desk). 3pp. 52737.054-52737.056.

9002270157 Forwards Rev 0 to "TVA Nuclear QA Plan," including all corrected & revised pages & changes made per 891003 meeting, various telcons & previous submittals. Plan will be implemented by 900630. RAY,M.J. Tennessee Valley Authority. 90/02/15. Document Control Branch (Document Control Desk). 2pp. 52756.198-52756.313.

-9002270367 Rev 0 to "TVA Nuclear QA Plan." KINGSLEY,O.D. Tennessee Valley Authority. 90/06/30. 113pp. 52756.200-52756.313.

9003120692 Responds to SC Black 900129 ltr requesting info re compliance w/ 10CFR26. Util believes action necessary in interest of public safety & defensible under law. KINGSLEY,O.D. Tennessee Valley Authority. 90/03/02. TAYLOR,J.M. Ofc of the Executive Director for Operations. 6pp. 52998.272-52998.277.

9003160217 Forwards Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description." WALLACE,E.G. Tennessee Valley Authority. 90/03/09. Document Control Branch (Document Control Desk). 5pp. 53039.161-53039.223.

-9003160379 Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description." Tennessee Valley Authority. TVA-NPOD89 R01. 90/03/01. 57pp. 53039.166-53039.223.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069.

## H. General correspondence

9003140372 Advises of senior mgt changes PR Mandava resigned 9/02/16 & position will remain vacant until replacement named EG Wallace named manager for nuclear licensing & regulatory affairs  
KINGSLEY, O.D. Tennessee Valley Authority 9/02/27 CRUTCHFIELD, D. Division of Reactor Projects - H.V.V. & Special Projects (Post 870411) 2pp 53030 299-53030 309

## O. Inspection reports, IE Bulletins &amp; correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/02/23 Consolidated Edison Co. of New York, Inc. 9pp 52776 262-52776 363

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Steam Generator Valves." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/02/28 Consolidated Edison Co. of New York, Inc. 9pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/02/28 Consolidated Edison Co. of New York, Inc. 9pp 52844 001-52844 093

9003140400 Confirms 900302 Iscon re 900201 notice of violation Period for response to notice of violation extended until NRC takes action on 900212 request for rect  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 870411) 9/03/02 KINGSLEY, O.D. Tennessee Valley Authority 2pp 53030 279-53030 260

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/03/05 Consolidated Edison Co. of New York, Inc. 9pp 52844 100-52844 198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 9/03/06 Consolidated Edison Co. of New York, Inc. 8pp 52997 001-52997 094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 9/03/07 Consolidated Edison Co. of New York, Inc. 9pp 52997 035-52997 169

9003010227 NRC Info Notice 90-016, "Compliance With New Decommissioning Rule." Svc list encl  
BAHART, R.L. Division of Low Level Waste Management & Decommissioning (Post 870413) 9/03/07 Consolidated Edison Co. of New York, Inc. 9pp 52997 288-52997 016

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/03/07 Consolidated Edison Co. of New York, Inc. 10pp 52844 199-52844 295

9003150312 Forwards redacted Investigation Rept 2-86-015 & extends requested 30-day response time by addl 30 days from ltr date to allow review & respond as appropriate per 100212 request  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 870411) 9/03/07 KINGSLEY, O.D. Tennessee Valley Authority 2pp 53033 111-53033 112

-9003150359 Redacted Investigation Rept 2-86-015 re alleged mail false statement by two senior TVA managers investigation determined that TVA general counsel intentionally misled NRC re TVA handling of Energy Regulatory Act complaints  
NORTON, L.J. Dir. of Investigations (Post 870201) 88/04/14 695pp 53033 113-53033 097

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52863 096-52863 193

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52863 200-52863 229

9003050148 NRC Bulletin 90-001, "Loss of Full C in Transmitters Mfg by Rosemount." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/03/09 Consolidated Edison Co. of New York, Inc. 109pp 52863 300-52863 048

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/03/14 Consolidated Edison Co. of New York, Inc. 98pp 52997 190-52997 287

9003260117 Provides revised corrective action plan intended to refine plan to accomplish more effective documentation of training by placing responsibility on supervisor/manager in nuclear engineering  
MEDFORD, M.O. Tennessee Valley Authority 8/03/16 Document Control Branch (Document Control Desk) 5pp 53190 153-53190 157

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/03/20 Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 9/03/22 Consolidated Edison Co. of New York, Inc. 81pp 53188 057-53188 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor Operated Bypass Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuators Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/03/23 Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108

## DOCKET 50-440 PERRY NUCLEAR POWER PLANT, UNIT 1

## F. Security, medical, emergency &amp; fire protection plans

5003130198 Advises that 891218 Rev 1 TCN 3 in emergency plan consistent with provisions of 10CFR50.54(a) & acceptable  
GREGG, R. Region 3 Dir. of the Director 10/02/26 KAPLAN, A. Cleveland Electric Illuminating Co. 2pp 52731 353-52731 054

9003150379 Responds to open item noted in Insp Rept 90 440/69-29. Considers actions plant health physicist & operators supervision must take to ensure that restoration crews to discuss better methods of access control  
KAPLAN, A. Cleveland Electric Illuminating Co. 9/03/09 Document Control Branch (Document Control Desk) 3pp 53020 195-53020 197

## H. General correspondence

9003050012 Advises that 2A Clayton replaces retired H Form as new State of Ohio Electrical safety officer  
CARTER, R. Ohio State Dir. 10/02/16 COLBURN, T.G. Office of Nuclear Reactor Regulation, Director (Post 870411) 1p 52846 305-52846 065

## A. Utility Final Safety Analysis Report (FSAR) &amp; amendments

5003200002 Rev 2 to updated FSAR for Perry Nuclear Power Plant W/900313 by KAPLAN, A. Cleveland Electric Illuminating Co. 9/03/13 129pp 53033 017

## P. Operating license stage documents &amp; correspondence

9002220420 Advises that schedule for submission of Tech Spec change request to General Dir 89-11, "Reduction Embrittlement of Reactor Vessel Wall" acceptable based on review of 891117 submittal  
COLBURN, T.G. Project Directorate III-3 9/02/12 KAPLAN, A. Cleveland Electric Illuminating Co. 2pp 52703 302-52703 333

5002230456 Lists suggestions on sub areas to be addressed during proposed 1990 consent into conference in response to 901117 ltr  
KAPLAN, A. Cleveland Electric Illuminating Co. 9/02/12 GREENMAN, E.G. Region 3 Dir. of the Director 1p 52715 069-52715 069

9002260520 Advises that u/l confirmed that neither subj valves nor valves of s/w design using pre-packed Type 410 stainless steel ball installed at the type 300126 response to NRC Bulletin 89-002 item considered complete for part  
COLBURN, T.G. Project Directorate III-3 9/02/16 KAPLAN, A. Cleveland Electric Illuminating Co. 3pp 52726 245-52726 247

9002230263 Advises that 900126 response to General Dir 89-13 re s/w valves problems acceptable u/l should document & retain appropriate plant records to justify course of action different from that recommended by General Dir  
COLBURN, T.G. Project Directorate III-3 9/02/21 KAPLAN, A. Cleveland Electric Illuminating Co. 3pp 52715 320-52715 322

9003010195 Forwards notice of consideration of issuance of amend to license 1975-58 per 900119 application  
COLBURN, T.G. Project Directorate III-3 9/02/21 KAPLAN, A. Cleveland Electric Illuminating Co. 3pp 52780 249-52780 256

-9003010197 Notice of consideration of issuance of amend to license 1975-58 & proposed NSIC determination & opportunity for hearing amend removes RCC equipment room high differential temp trip function from Tech Spec 3.3.2.1  
HANNON, J.N. Project Directorate III-3 9/02/21 5pp 52780 252-52780 255

9003140313 Discusses status of blind performance specimen testing for fast test 10CFR76 Based on NRC 900129 approval, u/l will combine blind performance specimens for both facilities as long as both sites submit test samples  
SHELTON, D.C. Toledo Edison Co. 9/02/22 Document Control Branch (Document Control Desk) 1p 52030 109-52030 109

9003060177 Advises that 900202 request for scheduler extension of commitments re seismic margin evaluation for plant capability to withstand seismic events beyond SSE acceptable  
HANNON, J.N. Project Directorate III-3 9/02/23 KAPLAN, A. Cleveland Electric Illuminating Co. 3pp 52887 184-52887 188

9003120346 Advises that u/l enlisted Betz Industrial at plant to provide treatment for control of zebra mussels Response to Ohio EPA questionnaire & proposed routing of molluscicide encl  
SZWEJKOWSKI, J. Centarior Energy 9/03/01 CHAKRABARTI, R. Columbus, OH 3pp 52974 001-52974 003

9003140222 Informs that Rev 3 (Temporary Change Notices TCN-5 & TCN-6) to ODCM acceptable Review of u/l responses to NRC questions on Rev 3 encl  
COLBURN, T.G. Project Directorate III-3 9/03/01 KAPLAN, A. Cleveland Electric Illuminating Co. 5pp 53018 008-53018 012

61 Responds to 890810 request for add. info on uti 890308 Tech Spec request re MSIV leakage limits change does not request increase in MSIV beyond currently assumed in updated SAR Chapter 15.

J.A. Cleveland Electric Illuminating Co. 90/03/02 Document Control Branch (Document Control Desk). 3pp. 53048 359-53048 361

66 Responds to Generic Ltr 90-01 re regulatory impact survey

J.A. Cleveland Electric Illuminating Co. 90/03/09 Document Control Branch (Document Control Desk). 8pp. 53048 286-53048 293

37 Responds to NRC 890712 request for addl info re Tech Spec change re concerning Generic Ltr 87-09 & affirms that administrative controls that will be initiated upon NRC approval will limit use of Tech Spec 3.0.4 exceptions

J.A. Cleveland Electric Illuminating Co. 90/03/12 Document Control Branch (Document Control Desk). 6pp. 53106 349-53106 354

11 Forwards nonproprietary & proprietary "Calculation of Proposed RHR/RCIC Flow-High Setpoints Using GE Instrument Setpoint Methodology" Proprietary withheld

J.A. Cleveland Electric Illuminating Co. 90/03/14 Document Control Branch (Document Control Desk). 4pp. 53113 122-53113 130

55 Application for amend to License NPF-58, revising primary containment shutdown Tech Specs limiting condition for operation 3.6.1.1.2 to provide flexibility during performance of 10CFR50 App J.

J.A. Cleveland Electric Illuminating Co. 90/03/16 Document Control Branch (Document Control Desk). 9pp. 53104 228-53104 240

286 Proposed Tech Specs, revising primary containment integrity shutdown Tech Specs limiting condition for operation 3.6.1.1.2

Cleveland Electric Illuminating Co. 90/03/16 2pp. 53104 237-53104 240.

30 Application for amend to License NPF-58, revising Tech Spec Table 3.3.2. re RCC equipment room differential temp isolation actuation instrument setpoint & allowable value

J.A. Cleveland Electric Illuminating Co. 90/03/16 Document Control Branch (Document Control Desk). 9pp. 53093 193-53093 203

293 Proposed Tech Specs re RCC equipment room differential temp isolation instrumentation trip setpoint & allowable value

Cleveland Electric Illuminating Co. 90/03/16 2pp. 53093 202-53093 203.

19 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety Components." Svc list encl

W.J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Ed. Co. of New York, Inc. 55pp. 53195 014-53195 089

#### Ion reports, IE Bulletins & correspondence

10 Advises that uti confirmed that neither subj valves nor valves of similar design preloaded Type 410 stainless steel bolt installed at facility, per response to NRC Bulletin 89-002 Item considered complete for plant.

IN.T.G. Project Directorate III-3. 90/02/16. KAPLAN, A. Cleveland Electric Illuminating Co. 3pp. 52726 245-52726 247.

13 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-D." Svc list encl

E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776 262-52776 360.

3 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operation." Svc list encl

E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776 163-52776 261.

9 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communication." Svc list encl

E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52844 001-52844 089.

9 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards." Svc list encl

E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844 100-52844 199.

1 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl

CHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 89pp. 52897 001-52897 094.

2 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl

CHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). Consolidated Edison Co. of New York, Inc. 95pp. 52897 095-52897 189.

7 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl

IT, R.L. Division of Low-Level Waste Management & Decommissioning (Post 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52897 288-52897 288.

3 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentations." Svc list encl

E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844 199-52844 298.

1 EN-90-034 on 900312, notice of proposed imposition of civil penalty in \$100,000 will be issued to licensee based on licensee failure to properly unsatisfactory scram test results.

Y.J. LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/03/07. 1p. 53079 004.

1 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copelatives." Svc list encl

E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963 096-52963 199.

9003150379 Responds to open item noted in Insp Rept 50-440/89-29 Corrective actions plant health physicist & operations superintendent met w/ health physicist & operations crews to discuss before methods of access control

KAPLAN, A. Cleveland Electric Illuminating Co. 90/03/08 Document Control Branch (Document Control Desk). 3pp. 53020 185-53020 197

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963 200-52963 299

9003050146 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 103pp. 52963 300-52963 048.

9003210223 Discusses Safety Insp Rept 50-440/89-28 on 891121-900111 & forwards notice of violation & proposed imposition of civil penalty in amount of \$100,000. Three violations in addition to violations noted in enforcement act on discussed.

DAVIS, A.B. Region 3, Ofc of the Director. 90/03/12. KAPLAN, A. Cleveland Electric Illuminating Co. 4pp. 53112 103-53112 127.

9003210224 Notice of violation & proposed imposition of civil penalty in amount of \$100,000. Violations noted failure to properly evaluate test results following scram time test of control rods on 890730 & 1125 & failure to take corrective actions

DAVIS, A.B. Region 3, Ofc of the Director. 90/03/12. 3pp. 53112 107-53112 127.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997 190-52997 287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035 129-53035 226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl

CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166 057-53166 147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132 001-53132 100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl

ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 108.

#### R. Periodic operating reports & related correspondence

9003080303 "Annual Occupational Radiation Exposure Rept Personnel Whole Body Exposure For CY88." W/900226 ltr.

KAPLAN, A. Cleveland Electric Illuminating Co. 89/12/31. 3pp. 53047 113-53047 115

9003210462 "Jan-Dec 1989 Annual Rept." W/900226 ltr.

KENSICKI, S. Cleveland Electric Illuminating Co. 89/12/31. 9pp. 52998 350-52998 358.

9003230002 "Perry Nuclear Power Plant Safety Evaluation Summary, per 10CFR60.59(h)(2) 1989." W/900313 ltr.

\* Cleveland Electric Illuminating Co. 89/12/31. 289pp. 53129 058-53129 343

9003210580 Forwards annual ECCS outage rept for 1989, per NUREG-0887 & updated SAR, App 1A re TMI Action Plan Item II K 3.17. Subj rept will not be provided in future, instead uti will use NPSDS & 10CFR50.73 reporting requirements.

KAPLAN, A. Cleveland Electric Illuminating Co. 90/02/28. Document Control Branch (Document Control Desk). 20pp. 52974 139-52974 158.

9003200108 Monthly operating rept for Feb 1990 for Perry Unit 1. W/900315 ltr.

HEGRAT, H.L., KAPLAN, A. Cleveland Electric Illuminating Co. 90/02/28. 6pp. 53070 050-53070 061.

9003080417 Forwards "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989" & addl info in response to NRC 890605 re offsite dose calculation manual.

KAPLAN, A. Cleveland Electric Illuminating Co. 90/03/02. Document Control Branch (Document Control Desk). 3pp. 52896 198-52896 286.

9003080422 "Perry Nuclear Power Plant Unit 1 Semiannual Radioactive Effluent Release Rept, 1989, Quarters 3 & 4."

KENSICKI, S.F. Cleveland Electric Illuminating Co. 89/12/31. 81pp. 52896 201-52896 286.

#### S. Reportable occurrences, LERs & related correspondence

9003020076 Part 21 rept re ABB 27/59 Relay Catalog Series 211L Solder connections to printed wiring runs on bottom of circuit board deteriorated due to thermal stress. No actual failure occurred & relays to be changed at next outage.

KAISER, A.F. ASEA Brown Boveri, Inc. 90/02/22. BERLINGER, C. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52798 341-52798 343.

9003070020 Part 21 rept re solder connections in ABB 27/59 relays deteriorated due to thermal stress, causing bonding of printed wiring pattern to glass epoxy circuit board. Interim circuit board w/ larger parts & higher wattage will be used.

KAISER, A.F. ASEA Atom, Inc. 90/02/22. BERLINGER, C. Generic Communications Branch. 3pp. 52898 207-52898 209.



## 222 DOCKETED ITEMS

9003140029 LER 89-031-01 on 891205.08 & 15.RWCJ sys containment isolation occurred due to high differential temp in RWCJ pump room vent: ation Caused by design deficiency in leak detection differential flow circuitry setpoint W/503335 W/ HEGRA, H.L. KAPLAN, A. Cleveland Electric Illuminating Co. 90/03/05 5pp 52979 307-52979 311

9003230108 Special report on 602202 inoperable loose parts detection sys instrumentation noted Caused by failing accelerometer or breakdown of consistency signal cable Sys 1 meets intent of Reg G, do 1133 by maintaining two operable channels KAPLAN, A. Cleveland Electric Illuminating Co. 90/03/14 Document Control Branch (Document Control Desk) 2pp 53147 622-53147 023

### V. Operator Examinations

9002260300 Discusses request for program evaluation scheduled for wk of 900514 per telecon between ME Bely of NRC & J McHugh WRIGHT, G.C. Region 3, Ofc of the Director. 90/02/13 KAPLAN, A. Cleveland Electric Illuminating Co. 6pp 52726 268-52726 275

## DOCKET 50-441 PERRY NUCLEAR POWER PLANT, UNIT 2

### A. Application/construction stage documents & correspondence

9003140313 Discusses status of bind performance specimen testing for facilities per 10CFR26 Based on NRC 950129 approval will combine bind performance specimens for both facilities as long as both sites submit test samples SHELTON, D.C. Toledo Edison Co. 90/02/22 Document Control Branch (Document Control Desk) 1p 53036 103-53036 109

9003120346 Advises that utilized Beltz Industrial plant to provide treatment for control of zebra mussels Response to Ohio EPA questionnaire & proposed routing of response SWEW, J.W. S.K.I.J. Center for Energy 90/03/01 CHAKRABARTI, R. Columbus, Ohio 3pp 52974 601-52974 603

9003140089 General Ltr 9J US to all power reactor licensees & applicants re relaxation of shift position in Generic Ltr 83-28 Item 2, Part 2 Vendor interface for Safety-Related Components Svc list encl PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 35pp 53195 014-53195 059

### F. Security, medical, emergency & fire protection plans

9003130198 Advises that 891218 New TCR 3 to emergency plan consistent w/provisions of 10CFR50.54(a) & acceptable GREGG, L.R. Region 3, Ofc of the Director 90/02/26 KAPLAN, A. Cleveland Electric Illuminating Co. 2pp 52991 353-52991 354

### O. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 600 Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 360

9002230283 NRC Info Notice 90-011, "Maintenance Agency Associated W/ Solenoid-Operated Valves Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or interruption of Plant Communications Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52844 001-52844 093

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp 52844 100-52844 198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Wastes Svc list encl CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06 Consolidated Edison Co. of New York, Inc. 86pp 52997 001-52997 094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States Svc list encl CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997 035-52997 189

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule Svc list encl BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52987 288-52987 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 298

9003020211 NRC Info Notice 90-017, "Weight & Cir of Gravity Discrepancies for Copeland Valves Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp 52963 096-52963 189

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transformers May by R Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 108pp 52963 300-52963 049

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Recirculation Spray at PWR Facilities Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 98pp 52997 190-52997 287

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by C Blow Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Restoration of Radwaste Incinerators Svc list encl CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53165 057-53165 053

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Valves to Operate Because Valve Seat Friction Was Underestimated Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 109pp 53132 601-53132 160

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Adjustment Restoration of Power to Rosemount Transmitter Trip Units Svc list encl ROSSICE Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 105

### S. Reportable occurrences, LERs & related correspondence

9003020075 Part 21 report re ABB 27/59 Relay Catalog Series 2111 Series 2111 reprinted w/errata on bottom of circuit board deteriorated due to their actual failure occurred & relays in the changed at next outage KAISER, A.F. ASEA Brown Boveri Inc. 90/02/22 BERLINGER, C. General Electric Reactor Regulation, Director (Post 870411) 3pp 52799 341-52799 043

9003070020 Part 21 report re solder connections in ABB 27/59 relays deteriorated stress causing bonding of printed wiring pattern to gas vent board internal circuit board w/interior pads & higher wattage varnish used KAISER, A.F. ASEA Atom, Inc. 90/02/22 BERLINGER, C. General Electric Reactor Regulation, Director (Post 870411) 3pp 52688 207-52688 209

## DOCKET 50-443 SEABROOK NUCLEAR STATION, UNIT 1

9002280260 Forwards comments on Seabrook emergency plan meeting Organized on for emergency response planning appears to be more than provided for many other nuclear power sites BENDER, M. Curylech Associates 90/08/22 IGNE, E.P. ACRS - American Reactor Safeguards 4pp 52779 237-52779 240

### F. Security, medical, emergency & fire protection plans

9002220255 Advises that allegation re disappearance of keycards from plant listed JOHNSON, J.R. Region 1, Ofc of the Director 90/02/07 CUSHING, G.R. Assigned 6pp 52705 309-52705 316

--9002220060 Requests NRC investigation of allegation that number of permit entry to protected areas no longer in possession of individuals were issued CUSHING, G.R. Altkam Not Assigned 90/02/01 RUSSELL, W. Region 1, Ofc of the Director 3pp 52705 315-52705 316

9002220427 Forwards Allegation Insp Rept 50-443/90-82 on 900109-0203 security inadequacies identified Allegation to be held open pending review of transcripts of remaining tapes RUSSELL, W.T. Region 1, Ofc of the Director 90/02/07 BROWN, E.A. Co. of New Hampshire 6pp 52705 125-52705 207

--9002220431 Allegation Insp Rept 50-443/90-82 on 900109-0203 MA viewed 13 concerns submitted by allegor on 900109-15 & tapes obtained following issuance of subpoena, including analysis of licensee response letters JOHNSON, J.R. Region 1, Ofc of the Director 90/02/07 7pp 52705 125-52705 207

9003050055 Forwards Safety Insp Rept 50-443/90-01 on 900108-12 N deviations noted BELLAMY, R.A. Region 1, Ofc of the Director 90/02/22 BROWN, E.A. Co. of New Hampshire 2pp 52823 124-52823 134

--9003050060 Emergency Preparedness Insp Rept 50-443/90-01 on 900108-12 N deviations noted Major areas inspected: observation of tests & notification sys, including emergency response facilities & equipment FOX, E. LAZARUS, W.J. Region 1, Ofc of the Director 90/02/08 9p 52823 134

9003010176 NRC Staff response to intervenors request for opportunity 924 in event Commission decides to review & for housekeeping stay object to add brief of not more than 25 pages from intervenors REIS, E.J. Assistant General Counsel for Hearings & Enforcement. #190223 Commissioners 5pp 52698 338-52698 013

--9003010202 Affidavit of W.T. Wallace. Discusses Oct 1988 amendments to radiological emergency response plan Supporting info encl WALLACE, W.T. New Hampshire, State of 90/02/16 6pp 52698 353-52698 013



**900305008** Requests leave to file and further comments of Seacoast Anti-Pollution League re immediate effectiveness of licensing authorization or in alternative in support of stay Comments directed to substantial change in state plan  
BACKUS,R.A. Seacoast Anti-Pollution League BACKUS,R.A. Backus, Meyer & Solomon #190 9909 90/02/27 CARR,K.M., ROBERTS,T.M., ROGERS,K.C. Commissioners 1p 52730-205-52730-252

**9003050121** Further comments of Seacoast Anti-Pollution League re immediate effectiveness of licensing authorization or in alternative in support of stay \* Commission should conclude that amended plan eliminates basis for license W/Svc list  
BACKUS,R.A. Seacoast Anti-Pollution League BACKUS,R.A. Backus, Meyer & Solomon 90/02/27 Commissioners 46pp 52730-205-52730-252

**903300140** Advises that three encl INPO reps contain no info to inform NRC conclusion on that reasonable assurance exists that facility can operate safely, per 9003315 congressional hearing re full power operation  
MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/15 TAYLOR,J.M. Office of the Executive Director for Operations 1p 53155-130-53155-307

**9003300142** Forwards trip report of 880125-29 site visit providing technical expertise during emergency preparedness performance assessment Briefing scheduled for 9003309 to discuss visit  
KINDLEY,W.R. Institute of Nuclear Power Operations 88/03/02 THOMAS,G.S. Public Service Co. of New Hampshire 1p 53155-137-53155-137

**9003300145** Trip report of 880125-29 site visit to participate in audit of emergency preparedness and public affairs div.  
SEIERLING,R.K. Institute of Nuclear Power Operations 88/02/08 KINDLEY,W.R. Institute of Nuclear Power Operations 8pp 53155-138-53155-145

**03280230** On appeal from decision of Board LBP-93-01 (900108) \* Decision should be affirmed on basis that Board did not err in rulings on Commonwealth of MA motions or holding that motions deemed uniformly W/related info & Certificate of Svc Served on  
TROUT,J.P. Public Service Co. of New Hampshire TRCUT,J.P. Ropes & Gray #193 09135 90/03/20 Atomic Safety and Licensing Appeal Panel 46pp 53124-067-53124-114

#### Adjudicatory correspondence

**03010143** Applicant advice to ASLB re erroneous statements in response to Board order of 900111 \* Applicant accedes to New Hampshire interpretation of plan & withdraws that statement Certificate of Svc encl  
DIGNAN,T.G. Public Service Co. of New Hampshire DIGNAN,T.G. Ropes & Gray #190 9923 90/02/16 Atomic Safety and Licensing Appeal Panel 6pp 52699-301-52699-306

**90030020** NRC Staff response to Commonwealth of MA atty general motion to reopen record \* Requests that motion be denied due to considerations of fairness & conservation of resources Certificate of Svc encl  
LARK,L.B. Assistant General Counsel for Hearings & Enforcement #190 9935 90/12/20 Atomic Safety and Licensing Appeal Panel 14pp 52700-258-52700-271

**90030014** Informs that in response to Commonwealth of MA atty general motion to reopen record, Staff inadvertently failed to mention advisory nature of Appeal Board decision on case  
LARK,L.B. Assistant General Counsel for Hearings & Enforcement #190 9934 90/12/21 BOLLWERK,G.P., ROSENTHAL,A.S., WILBER,H.A. Atomic Safety and Licensing Appeal Panel 1p 52700-276-52700-276

**90030028** On appeal from decision of Board LBP-89-38 (891211) \* Board decision should be affirmed due to contentions not passing late-filed criteria & argument from regulatory interpretation & history flawed W/Certificate of Svc  
DIGNAN,T.G. Public Service Co. of New Hampshire DIGNAN,T.G. Ropes & Gray #190 9937 90/02/22 Atomic Safety and Licensing Appeal Panel 45pp 52700-210-52700-254

**90030085** Notice of oral argument \* Informs that oral argument on appeals of joint intervenors will be heard on 900327 in Bethesda,MD W/Certificate of Svc Served on 900223  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel #190 9947 90/02/23 2pp 52700-069-52700-072

**90030090** Order \* Advises that 900328 oral argument changed to 900327 re appeals of joint intervenors from Board 900218 Order LBP-89-28 to accommodate applicants and counsel W/Certificate of Svc Served on 900223  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel #190 9948 90/02/23 2pp 52700-064-52700-068

**90030096** Order \* Informs that comments on FEMA petition for leave to file & accompanying response to be lodged w/ASLB on 900227 W/Certificate of Svc Served on 900226  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel #190 9951 90/02/23 3pp 52700-058-52700-063

**90030108** NRC Staff response to "Emergency Motion of Intervenors (1) to Clarify Status of Appeal of LBP-89-33 & (2) to Reopen Record on New Hampshire Radiological Emergency Response Plan as to Need for Sheltering ..." W/Certificate of Svc Served on 900226  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel #190 9955 90/02/23 Atomic Safety and Licensing Appeal Panel 16pp 52699-273-52699-288

**90030185** Objection to petition of emergency mgmt agency for leave to file FEMA response to emergency motion of intervenors to reopen record as to need for sheltering in certain circumstances \* Svc list encl  
BACKUS,R.A. Seacoast Anti-Pollution League BACKUS,R.A. Backus, Meyer & Solomon #190 9968 90/02/23 Atomic Safety and Licensing Appeal Panel 9pp 52699-292-52699-300

**90030175** NRC Staff response to intervenors request for opportunity to brief ALAB-24 in event Commission decides to review & for housekeeping stay \* NRC would not object to add brief of not more than 25 pages from intervenors  
REIS,E.J. Assistant General Counsel for Hearings & Enforcement #190 9956 90/02/3 Commissioners 6pp 52699-338-52699-013

**9003010184** NRC Staff response to intervenors motion to supply application for stay of LBP-89-32 \* Intervenor's 900214 motion should be denied due to motion lacking predicate. Supporting affidavits & pleadings encl.  
REIS,E.J. Assistant General Counsel for Hearings & Enforcement 90/02/23 Commissioners 3pp 52699-343-52699-013

**9003010180** State of NH comments re applicant response to Board order of 900111 \* Applicant error in inferring that state Oct 1988 amendments to radiological emergency response plan, Vol 4, App F preclude Sheltering ERPA-A in response to general emergency  
HUNTINGTON,G.M. New Hampshire, State of 90/02/16 Atomic Safety and Licensing Appeal Panel 5pp 52698-346-52698-350

**9003010200** Affidavit of GL Iverson \* Discusses Oct 1988 amendments to State of NH radiological emergency response plan  
IVERSON,G.L. New Hampshire, State of 90/02/16 2pp 52698-351-52698-352

**9003010202** Affidavit of Wf Wallace \* Discusses Oct 1988 amendments to State of NH radiological emergency response plan supporting info encl  
WALLACE,W.T. New Hampshire, State of 90/02/16 9pp 52698-353-52698-361

**9003010207** NRC Staff response to emergency motion of intervenors to clarify status of appeal of LBP-89-33 & to reopen record on State of NH radiological emergency response plan as to need for sheltering in certain \* W/Certificate of Svc Served on  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel #190 9959 90/02/26 Massachusetts, Commonwealth of 12pp 52699-001-52699-013

**9003010011** Notices that error discovered at 6-7 of app to "NRC Staff Response to Intervenor's Motion to Vacate LBP-89-32 & Supplemental Motions" & that Contention J1 is Bas & Bas issued re sheltering of transient beach population  
REIS,E.J. Reactor Licensing Branch #190 9961 90/02/26 CHILK,S.J. Office of the Secretary of the Commission 1p 52699-165-52699-165

**9003010081** Memorandum & order \* Atty general of Commonwealth of MA 9003201 motion to reopen portion of record in CL proceeding re plant denied due to fact that motion failed to raise exceptional issue W/Certificate of Svc Served on 900226  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel #190 9959 90/02/26 Massachusetts, Commonwealth of 11pp 52699-247-52699-257

**9003050041** NRC Staff response to FEMA petition for leave to file response to intervenors emergency motion \* NRC supports FEMA 900216 petition FEMA views genuine & should be considered in response to intervenors motion W/Certificate of Svc Served on  
REIS,E.J. Office of the General Counsel (Post 860701) #190 9977 90/02/26 Atomic Safety and Licensing Appeal Panel 4pp 52730-329-52730-332

**9003050016** Commonwealth of MA atty general reply to petition & response of FEMA to emergency motion of intervenors to reopen record as to need for sheltering in certain circumstances \* FEMA withdraws record W/Certificate of Svc  
BROCK,M.T. Massachusetts, Commonwealth of #190 9984 90/02/27 Atomic Safety and Licensing Appeal Panel 10pp 52730-347-52730-356

**9003050082** NRC staff motion for extension of filing deadline & enlargement of page limit for brief in response to appeals from LBP-89-32 \* Identified applicants have no objection to motion Extension requested to 900319 W/Certificate of Svc Served on  
YOUNG,M.A. Assistant General Counsel for Hearings #190 9982 90/02/27 Atomic Safety and Licensing Appeal Panel 6pp 52730-253-52730-258

**9003050086** Requests leave to file and further comments of Seacoast Anti-Pollution League re immediate effectiveness of licensing authorization or in alternative in support of stay Comments directed to substantial change in state plan  
BACKUS,R.A. Seacoast Anti-Pollution League BACKUS,R.A. Backus, Meyer & Solomon #190 9980 90/02/27 CARR,K.M., ROBERTS,T.M., ROGERS,K.C. Commissioners 1p 52730-205-52730-252

**9003050121** Further comments of Seacoast Anti-Pollution League re immediate effectiveness of licensing authorization or in alternative in support of stay \* Commission should conclude that amended plan eliminates basis for license W/Svc list  
BACKUS,R.A. Seacoast Anti-Pollution League BACKUS,R.A. Backus, Meyer & Solomon 90/02/27 Commissioners 46pp 52730-206-52730-252

**9003050051** Seabrook readiness for operation \* Urges Commission to require applicant to identify & replace potentially defective Rosemount transmitters before commencement of full power operation on per recent NRC insp  
CURRAN,D. New England Coalition on Nuclear Pollution CURRAN,D. Massachusetts, Commonwealth of CURRAN,D. Seacoast Anti-Pollution League #190 9988 90/02/28 CARR,K.M., ROBERTS,T.M., ROGERS,K.C. Commissioners 2pp 52730-207-52730-317

**9003050056** Intervenor's motion to reopen record & admit late-filed contention re defective Rosemount transmitters \* Svc list encl  
CURRAN,D. New England Coalition on Nuclear Pollution CURRAN,D. Seacoast Anti-Pollution League CURRAN,D. Massachusetts, Commonwealth of 80/02/27 Atomic Safety and Licensing Appeal Panel 11pp 52730-288-52730-317

**9003050068** Affidavit of GC Minor re rev of Rosemount transmitters at Seabrook \* Discusses potential safety impact of Rosemount transmitter problems & need for changing faulty transmitters before plant proceeds w/power ascension & operation  
MINOR,G.C. MHB Technic Associates 90/02/28 38pp 52730-280-52730-317

**9003060043** Order \* Directs intervenors to file supplemental memorandum addressing question of ASLB jurisdiction over safety issues & whether 10CFR2734(d) contemplates that new issues may be raised before Boards W/Certificate of Svc Served on 900301  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel #190 9993 90/02/28 Office of the General Counsel (Post 860701) 5pp 52762-048-52762-053

**9003060046** Order \* Grants NRC 900227 motion for extension of filing deadline until 900319 & enlargement of page limit to 160 pages for brief in response to appeals from LBP-89-32 Certificate of Svc encl Served on 900301  
TOMPKINS,B.A. Atomic Safety and Licensing Appeal Panel #190 9994 90/02/28 Office of the General Counsel (Post 860701) 5pp 52762-054-52762-056

- 9003160070 Emergency motion of intervenors to reopen record for summary disposition re need for sheltering in certain circumstances & for license revocation. \* Mail charge supports reopening of record. Certificate of Svc encl. Served on 900301.  
BROCK, M.T. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. BACKUS, R. Seacoast Anti-Pollution League. #190 8598. 90/02/28. Atomic Safety and Licensing Appeal Panel. 19pp. 52943 070-52943 089.
- 9003160111 Memorandum & order. \* NRR may issue license authorized by Licensing Board in LBP-89-32 on schedule consistent w/ provisions for housekeeping stay. Certificate of Svc encl. Served on 900301.  
CHILK, S.J. Office of the Secretary of the Commission. #190 9997. 90/03/01. Office of Nuclear Reactor Regulation, Director (Post 870411). 69pp. 52943 001-52943 069.
- 9003160124 Order. \* Reopening motions of intervenors did 900206 & 28 referred to Licensing Board for consideration & disposition. Certificate of Svc encl. Served on 900302.  
HAGINS, E.E. Atomic Safety and Licensing Appeal Panel. #190 10002. 90/03/01. 6pp. 52944 008-52944 013.
- 9003160131 Memorandum & order. \* Licensing Board acted correctly in excluding proffered testimony as atty general testimony was admissible neither for purpose mentioned by Appeal Board nor for any other W/Certificate of Svc Served on 900301.  
CHILK, S.J. Office of the Secretary of the Commission. #190 9996. 90/03/01. 36pp. 52943 218-52943 253.
- 9003160076 Advises that undersigned will argue case for applicants in oral argument to be held on 900327 re low power test.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 10010. 90/03/02. TOMPKINS, B.A. Commissioners. 1p. 52944 037-52943 097.
- 9003160062 NRC Staff brief in opposition to intervenors appeal of LBP-89-39. \* LBP-89-38 should be affirmed due to intervenors argument that decision wrongly issued having no basis W/ Certificate of Svc.  
CLARK, L.B. Assistant General Counsel for Hearings & Enforcement. #190 10018. 90/03/05. Atomic Safety and Licensing Appeal Panel. 35pp. 52944 227-52944 261.
- 9003190027 Advises that undersigned will represent Commonwealth of MA atty general in oral argument scheduled for 900327 re plant.  
TRAFICANTE, J. Massachusetts, Commonwealth of. #190 10031. 90/03/05. TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. 1p. 52970 231-52970 231.
- 9003190056 On appeal from decision of Board LBP-89-32 (901109). \* All Board decisions on appeal should be affirmed on basis that no error committed re threshold requirements of 10CFR50.47(c)(1) W/Certificate of Svc.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 10048. 90/03/05. Atomic Safety and Licensing Appeal Panel. 149pp. 52970 070-52970 218.
- 9003190012 Commonwealth of MA atty general advice to Commission. \* Commission noted major typo in Decision CLI-90-03 re state funding for decommissioning. State has 4.3 not 43 million available for decommissioning. Certificate of Svc encl.  
TRAFICANTE, J. Massachusetts, Commonwealth of. #190 10026. 90/03/06. Commissioners. 5pp. 52970 325-52970 329.
- 9003160142 Intervenors supplemental motion addressing ASLB jurisdiction to consider motion to reopen record & admit late-filed contention re defective Rosemount transmitters. \* Svc encl encl.  
CURRAN, D. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Seacoast Anti-Pollution League. #190 10022. 90/03/07. Atomic Safety and Licensing Appeal Panel. 10pp. 52943 348-52943 357.
- 9003190013 Advises that RG Bachmann will present oral argument for NRC Staff on appeals from LBP-89-28 on 900327.  
BACHMANN, R.G. Assistant General Counsel for Hearings & Enforcement. #190 10033. 90/03/07. TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. 1p. 52970 324-52970 324.
- 9003220104 Notice of withdrawal. \* Withdraws author appearance in proceeding. Certificate of Svc encl.  
PARKER, W.L. Public Service Co. of New Hampshire. PARKER, W.L. Ropes & Gray. #190 10063. 90/03/07. 3pp. 53028 083-53028 065.
- 9003230017 Applicant answer to emergency motion of intervenors to reopen record for summary disposition as to need for sheltering in certain circumstances & for license revocation. \* Motion should be denied W/Certificate of Svc.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 10092. 90/03/12. Atomic Safety and Licensing Board Panel. 12pp. 53052 065-53052 076.
- 9003220153 Order. \* Extends time within which Commission may review ASLB Decision ALAB 824 until 900413 W/Certificate of Svc. Served on 900313. Re-served on 900314.  
CHILK, S.J. Office of the Secretary of the Commission. #190 10068. 90/03/13. Commissioners. 7pp. 53029 069-53029 075.
- 9003220160 Ltr from EF Armstrong. \* Requests that encl EF Armstrong ltr urging Commission to authorize issuance of full power license for facility be served on parties in proceeding. Certificate of Svc encl. Served on 900314.  
GRAY, J. Commissioners. #190 10073. 90/03/13. CHILK, S.J. Office of the Secretary of the Commission. 5pp. 53029 088-53029 090.
- 9003230095 Applicant answer to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters. \* Motion considered untimely, fails criteria of 10CFR2.734 & should be denied.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 10103. 90/03/13. Atomic Safety and Licensing Appeal Panel. 7pp. 53051 121-53051 121.
- 9003230098 Affidavit of BE Beuchel. \* Addresses intervenors allegations & whether significant safety issue present re Rosemount transmitters Supporting info, including Beuchel professional qualifications & Certificate of Svc encl.  
BEUCHEL, B.E. Yankee Atomic Electric Co. 90/03/13. 52pp. 53051 128-53051 179.
- 9003220176 Applicant response to intervenors emergency motion for extension of stay of full power operation. \* Motion should be denied on basis of hearsay & out of context nature of basis for filing W/Certificate of Svc.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 10075. 90/03/14. Commissioners. 7pp. 53029 097-53029 103.
- 9003220184 Emergency petition for extension of stay. \* Forwards intervenors emergency motion for extension of stay of full power operation based on recent previously closed repts of regulatory non-compliance at plant.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Seacoast Anti-Pollution League. CURRAN, D. Massachusetts, Commonwealth of. #190 10076. 90/03/14. CARR, K.M., ROBERTS, T.M., ROGERS, K.C. Commissioners. 2pp. 53029 133-53029 133.
- 9003220187 Intervenors emergency motion for extension of stay of full power operation. \* Add time should be provided to consider newly discovered documents which implicate validity of NRC finding that plant complies w/regulations. Svc encl.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Seacoast Anti-Pollution League. CURRAN, D. Massachusetts, Commonwealth of. 90/03/14. Commissioners. 26pp. 53029 108-53029 133.
- 9003230043 NRC Staff response in opposition to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters. \* Motion fails to satisfy BARTHC, A. Assistant General Counsel for Hearings & Enforcement. #190 10052. 90/03/14. Atomic Safety and Licensing Appeal Panel. 12pp. 53052 077-53052 151.
- 9003230051 Affidavit of J.L. Mauck. Rosemount transmitters at Seabrook. \* Advises that NRC has concluded that licensee in compliance w/GDC 21 of 10CFR50 App A & 10CFR50.55a(h) which requires that protection sys meet IEEE-279 Certificate of Svc encl.  
MAUCK, J.L. Office of the General Counsel (Post 860701). MAUCK, J.L. Instrumentation & Control Systems Branch. 90/03/14. 82pp. 53052 090-53052 151.
- 9003220198 NRC Staff motion for extension of time to respond to "emergency motion of intervenors to reopen record for summary disposition as to need for sheltering in certain circumstances & for license revocation." W/Certificate of Svc.  
BARTHC, A. Assistant General Counsel for Hearings & Enforcement. #190 10039. 90/03/15. Atomic Safety and Licensing Board Panel. 5pp. 53029 005-53029 005.
- 9003230011 Order. \* Denies intervenors 900314 emergency motion for extension of stay of full power operation due to motion failing to address safety factors in 10CFR2.788 W/Certificate of Svc. Served on 900315.  
CHILK, S.J. Office of the Secretary of the Commission. #190 10031. 90/03/15. New England Coalition on Nuclear Pollution. 5pp. 53052 080-53052 084.
- 9003230035 Emergency petition for extension of stay. \* Forwards notarized copy of ED Pollard affidavit supporting emergency petition for extension of stay filed on 900314.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Seacoast Anti-Pollution League. CURRAN, D. Massachusetts, Commonwealth of. #190 10097. 90/03/15. CARR, K.M., ROBERTS, T.M., ROGERS, K.C. Commissioners. 1p. 53052 303-53052 303.
- 9003230038 Affidavit of RD Pollard. \* Advises that deficiencies cited in INPO & other repts demonstrate no basis for finding that reactor complies w/NRC regulations & can be operated safely.  
POLLARD, R.D. Union of Concerned Scientists. 90/03/15. 2pp. 53052 304-53052 304.
- 9003230145 NRC Staff motion for extension of time to respond to "emergency motion of intervenors to reopen record for summary disposition as to need for sheltering in certain circumstances & for license revocation." W/Certificate of Svc. Served on 900320. Granted for ASLB on 900319.  
Assistant General Counsel for Hearings & Enforcement. #190 10107. 90/03/15. Atomic Safety and Licensing Board Panel. 4pp. 53052 308-53052 310.
- 9003230112 NRC Staff motion for 2-day extension of time to brief on appeal of LBP-89-32 & LBP-89-17. \* Requests extension until 900321 due to large amount of work in connection w/facility. Certificate of Svc encl.  
REISE, J. Assistant General Counsel for Hearings & Enforcement. #190 10104. 90/03/16. Atomic Safety and Licensing Board Panel. 5pp. 53052 051-53052 055.
- 9003230126 NRC Staff motion for 2-day extension of time to respond to brief on appeal of LBP-89-32 & LBP-89-17. \* Certificate of Svc encl. Served on 900319. Granted for ASLB on 900319.  
Assistant General Counsel for Hearings & Enforcement. #190 10105. 90/03/15. Atomic Safety and Licensing Board Panel. 4pp. 53052 056-53052 058.
- 9003280230 On appeal from decision of Board LBP-90-01 (900108). \* Decision should be affirmed on basis that Board did not err in rulings on Commonwealth of MA motions or holding that motions deemed untimely W/related info & Certificate of Svc.  
TROUT, J.P. Public Service Co. of New Hampshire. TROUT, J.P. Ropes & Gray. #190 10135. 90/03/20. Atomic Safety and Licensing Appeal Panel. 48pp. 53124 067-53124 114.
- 9003230208 NRC Staff brief in response to intervenor appeals from LBP-89-32 & LBP-89-17. \* Decisions should be affirmed due to ASLB using proper application of scds for admission of emergency planning contentions. W/Certificate of Svc.  
YOUNG, M.A. Assistant General Counsel for Hearings & Enforcement. #190 10123. 90/03/21. Atomic Safety and Licensing Appeal Panel. 151pp. 53052 152-53052 302.
- 9003280050 Order. \* Advises that oral argument on appeals of intervenors from Board Decisions in LBP-89-32, LBP-89-17 & LBP-90-01 & related rulings will be heard on 900418 in Bethesda, MD. Certificate of Svc encl. Served on 900322.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 10126. 90/03/22. Office of the General Counsel (Post 860701). 6pp. 53124 135-53124 139.
- 9003300130 Notice of oral argument. \* Argument on appeals of intervenors from Board Decisions in LBP-89-32, LBP-89-17 & LBP-90-01 will be heard on 900418 in Bethesda, MD W/Certificate of Svc. Served on 900328.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 10148. 90/03/27. 4pp. 53155 121-53155 124.

## H. General correspondence

- 9003090210 Requests info re what blueprints, plans, diagrams & catalogs available to cross-ref various welds & weld locations at Unit 1 & why both surface & volumetric weld inspections required.  
LIEDERMAN, S.M. Affiliation Not Assigned. 90/02/28. NERSEY, V. Project Directorate I-3. 4pp. 52968 278-52968 281.

## Financial Information

3090224 Requests withdrawal of Chapter 11 Bankruptcy Claim 8830500046, per 30216 telcon & forwards claim withdrawal form.  
ECK S.M. Public Service Co. of New Hampshire. 90/02/16 TREMPER, L. Office of the Controller (Post 890205). 7pp. 52967 032-52967 038

## Advisory Committee on Reactor Safeguards reports &amp; correspondence

2280070 Submits summary of actions discussed at ACRS 353rd meeting on 890807. Including repts & ltrs, other actions, agreements, assignments & requests & future agenda.  
EMICK, F.J. ACRS - Advisory Committee on Reactor Safeguards. 89/10/04. ARR, K.M. Commissioners. 2pp. 52778.010-52778.011

## Operating license stage documents &amp; correspondence

2260039 "Seabrook Station Unit 1, Reactor Containment Bldg Integrated Leakage Test Types A & C Periodic Test." W/900209 ltr.  
DANIELLY, J.W., KLINE, FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 9/01/30. 102pp. 52719 277-52719.350.

9010174 Corrects title to Generic Ltr 88-05, "Bone Acid Corrosion of Carbon Steel Reactor Boundary Components".  
RSES, V. Project Directorate I-3. 90/02/09. BROWN, E.A. Public Service Co. of New Hampshire. 3pp. 52774.072-52774.074

270251 Forwards repts to Chapter 14 of FSAR re power ascension test program. Proposed change to Test ST-28 revises method of calibr feedwater flow instruments & obtaining feedwater flow differential pressure data during power ascension.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/15. Document Control Branch (Document Control Desk). 6pp. 52759 256-52759.261.

050235 Forwards renewal application for NPDES Permit NH0020338, per App B to issue NFF 67. State of NH EPA determined that requested changes to Discharges 1.022.023 & 024 will not jeopardize environment when full power operation begins.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/21. Document Control Branch (Document Control Desk). 73pp. 52825.090-52825.182

280136 Submits add info re util maint program, per NRC 900221 telcon request. Util program includes preventive, predictive & corrective maint as well as implementation of design enhancements.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/02/23. Document Control Branch (Document Control Desk). 13pp. 52760 238-52760.250

900522 Forwards WT Russell memo addressing issues raised to former plant NDE at "not & concludes that no new issues exist to full power licensing involved."  
YOR, J.M. Ofc of the Executive Director for Operations. 90/02/28. Commissioners. 52073.115-52073.120.

13090523 Advises of Region I review of concerns of former plant Level III NDE exam & concludes that no current conditions exist to full power licensing involved.  
RUSSELL, W.T. Region I, Ofc of the Director. 90/02/28. MURPHY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 52873.116-52873.120.

140248 Accepts 900209 response to Generic Ltr 89-13, "Svc Water Sys Problems affecting Safety-Related Equipment," based on confirmation that Recommended Actions III, IV & V implementation Response to Action II awaited.  
RSES, V. Project Directorate I-3. 90/03/02. BROWN, E.A. Public Service Co. of New Hampshire. 3pp. 53018.342-53018.344.

200391 Documents info provided in telcon re relief & safety valve testing.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/03/06. Document Control Branch (Document Control Desk). 3pp. 53078.290-53078.292

150421 Advises that licensee intends to submit FSAR Amend 63 by 900415 in ad of 900315.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/03/12. Document Control Branch (Document Control Desk). 2pp. 53020.143-53020.144

160374 Confirms that proposed Tech Specs accurately reflect as-built plant configuration, plant FSAR through Amend 62, NRC SER through Suppl 8 & other documented correspondence w/ NRC.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/03/13. Document Control Branch (Document Control Desk). 2pp. 53035.356-53035.357

260049 Forwards revised Tech Spec 4.4.5.3a in response to wording change re rate after first refueling.  
RSES, V. Project Directorate I-3. 90/03/13. BROWN, E.A. Public Service Co. of New Hampshire. 4pp. 53446.307-53446.310.

210248 Forwards 890427 ltr reemphasizing freedom of employees to contact NRC potential safety issues w/o restrictions.  
SMALL, R.H. Project Directorate I-3. 90/03/14. WAMPLER, J.D. Affiliation Not Assigned. 1p. 53112.161-53112.169

3210252 Reemphasizes licensee responsibilities to assure contractors & subcontractors permit employees to freely contact NRC re potential safety issues w/o restrictions.  
ELLOV, Ofc of the Executive Director for Operations. 89/04/27. BROWN, E.A. Public Service Co. of New Hampshire. 4pp. 53112.162-53112.169.

300140 Advises that three encl INPO repts contain no info to change NRC conclusion that reasonable assurance exists that facility can operate safely, per 900315 conclusion hearing re full power operation.  
MURPHY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/15. TAYLOR, J.M. Ofc of the Executive Director for Operations. 1p. 53155.130-53155.307.

3200300 Provides info in response to late-filed allegations, per 900314 telcon.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire. 90/03/15. Document Control Branch (Document Control Desk). 5pp. 53155.131-53155.136.

--9003300142 Forwards trip repl of 880125-29 site visit providing technical expertise during emergency preparedness performance assessment. Meeting scheduled for 900339 to discuss visit.  
KINDLEY, W.R. Institute of Nuclear Power Operations. 88/03/02. THOMAS, G.S. Public Service Co. of New Hampshire. 1p. 53155.137-53155.137

--9003300145 Trip repl of 880125-29 site visit to participate in audit of emergency preparedness & public affairs div.  
SEIDERLING, R.K. Institute of Nuclear Power Operations. 88/02/08. KINDLEY, W.R. Institute of Nuclear Power Operations. 8pp. 53155.138-53155.145

--9003300146 "Evaluation of Seabrook Station."  
Institute of Nuclear Power Operations. 89/09/30. 81pp. 53155.146-53155.208

--9003300149 Forwards results of evaluation of corporate support & monitoring of facility conducted on 891002-06. Written status report requested by June 1990.  
PATE, Z.T. Institute of Nuclear Power Operations. 89/12/28. DUFFETT, J.C. Public Service Co. of New Hampshire. 101pp. 53155.207-53155.307.

9003280583 Informs Commission of release of INPO repts on plant. Repts considered prior to full-power licensing decision & placed in PDR along w/ licensee analysis of repts & confirmation of certification of compliance.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/03/16. CARR, ROBERTS, ROGERS Commissioners. 1p. 53189.044-53189.044

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195.014-53195.069

## Q. Inspection reports, IE Bulletins &amp; correspondence

9002220487 Forwards Preoperational Radwaste Insp Rept 50-443/90-03 on 900108-12. No violations noted. Facility ready for full power operation.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/02. BROWN, E.A. Public Service Co. of New Hampshire. 3pp. 52714.134-52714.142

--9002220499 Preoperational Radwaste Insp Rept 50-443/90-03 on 900108-12. No violations noted. Major areas inspected: solid radwaste sys & processing program, including mgmt controls, audits, QA & training.  
FURIA, J., BORES, H. Region 1, Ofc of the Director. 90/01/22. 6pp. 52714.137-52714.142

9002220427 Forwards Allegation Insp Rept 50-443/90-82 on 900108-0203. No safety or security inadequacies identified. Allegation to be held open pending review of util analysis of transcripts of remaining tapes.  
RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/07. BROWN, E.A. Public Service Co. of New Hampshire. 6pp. 52705.125-52705.207.

--9002220431 Allegation Insp Rept 50-443/90-82 on 900108-0203. Major areas reviewed: 13 concerns submitted by allegor on 900108-15 & tapes obtained on 900130 following issuance of subpoena, including analysis of licensee responses to allegor ltr.  
JOHNSON, J.R. Region 1, Ofc of the Director. 90/02/07. 77pp. 52705.131-52705.207.

9002270088 Forwards safety evaluation of Unit 1 first 10-yr interval inservice insp program plan & INEL Technical Evaluation Rept EGG-MS-8307. INEL repl will be published in SER 0.  
NEHSE, V. Project Directorate I-3. 90/02/15. BROWN, E.A. Public Service Co. of New Hampshire. 3pp. 52758.044-52758.085

--9002270091 Safety evaluation accepting Unit 1 first 10-yr interval inservice insp program plan, Rev 0.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/15. 8pp. 52758.047-52758.054.

--9002270100 Technical Evaluation Rept on First 10-yr Interval Inservice Insp Program Plan. Public Svc of New Hampshire, Seabrook Station, Unit 1.  
BROWN, B.W., MUDLIN, J.D. EG&G Idaho, Inc. (subs of EG&G, Inc.). BROWN, B.W. Idaho National Engineering Laboratory. FIN D-6022. EGG-MS-8307. 89/11/30. NRC - No Detailed Affiliation Given. 31pp. 52758.055-52758.085.

9002270386 Forwards Safety Insp Rept 50-443/89-20 on 891212-900124 & notice of violation. Violation re failure to lock safety injection pump breaker deserves formal review & response.  
JOHNSON, J.R. Region 1, Ofc of the Director. 90/02/20. BROWN, E.A. Public Service Co. of New Hampshire. 6pp. 52758.085-52758.085

--9002270388 Notice of violation from insp on 891212-900124. Violation noted: prescribed safeguard against primary sys overpressure not fully implemented on 900108, resulting in operation in Mode 5 w/ supply breaker lagged out but not locked.  
Region 1, Ofc of the Director. 90/02/20. 1p. 52758.071-52758.071.

--9002270371 Insp Rept 50-443/89-20 on 891212-900124. Violation noted. Major areas inspected: operational safety, maint, surveillance, reportable events & open items, QA & fitness-for-duty program implementation.  
MCABE, E.C. Region 1, Ofc of the Director. 90/02/14. 14pp. 52756.072-52756.085

9003050055 Forwards Safety Insp Rept 50-443/90-01 on 900108-12. No violations or deviations noted.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/22. BROWN, E.A. Public Service Co. of New Hampshire. 2pp. 52823.124-52823.134.

--9003050080 Emergency Preparedness Insp Rept 50-443/90-01 on 880108-12. No violations or deviations noted. Major areas inspected: observation of test of vehicle alert & notification sys, including emergency response facilities & equipment.  
FOX, E., LAZARUS, W.J. Region 1, Ofc of the Director. 90/02/06. 6pp. 52823.128-52823.134.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-core 800." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 98pp. 52776.262-52776.360.

9003080279 Responds to Info Notice 89-045, "Metalized Low-Voltage Power Circuit Breakers Rebuilt With Substandard Parts." One metalized case circuit breaker purchased from Salem American in Nov 1989 for use in plant simulator.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/02/26 Document Control Branch (Document Control Desk) 2pp. 52894 055-52894 056

9002230283 NRC Info Notice 90-011, "Plant Deficiency Associated With Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/26 Consolidated Edison Co. of New York, Inc. 9pp. 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/26 Consolidated Edison Co. of New York, Inc. 5pp. 52844 091-52844 039

9003050051 Seabrook readiness for operation. Urges Commission to require applicant to identify & replace potentially defective Rosemount transmitters before commencement of full power operation. per recent NRC insp.  
CURRAN, D. New England Coalition on Nuclear Pollution, CURRAN, D. Massachusetts Committee on CURRAN, D. Seabrook Anti-Pollution League #150 9383 90/02/28 CURRAN, D. ROBERTS, T.M., ROGERS, K.C. Commissioners 2pp. 52733 267-52733 317

-9003050068 Affidavit of GC Mott re rev of Rosemount transmitters at Seabrook. Discusses potential safety impact of Rosemount transmitter problems & need for changing faulty transmitters before plant proceeds w/power ascension & operation.  
MAYOR, G.C. MHB Technica Associates 90/02/26 36pp. 52733 280-52733 317

9002270339 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguard Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 9pp. 52844 100-52844 155

9002260081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/05 Consolidated Edison Co. of New York, Inc. 8pp. 52997 031-52997 094

90030310172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 9pp. 52997 095-52997 189

90030310227 NRC Info Notice 90-016, "Compliance With New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 9pp. 52997 285-52997 018

90030310293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp. 52644 193-52644 299

9003130602 Responds to NRC 900205 ltr re violations noted in Insp Rept 50-443/89-17. Corrective actions conduct seals installed on required solenoids & operability completed on 900204.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/07 Document Control Branch (Document Control Desk) 4pp. 53015 033-53015 036

90030320211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancy for Copos-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52983 056-52983 199

9003150089 Forwards corrected response re allegation by Employees Legal Project concerning reactor coolant pump support leg anchor bolts.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/08 Document Control Branch (Document Control Desk) 4pp. 53022 113-53022 116

9003150447 Forwards response to proposed draft NRC bulletin on loss of fill oil in Rosemount transmitters. Models 1152 & 1151, which perform safety-related functions, do not exist at plant.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/08 Document Control Branch (Document Control Desk) 17pp. 53025 066-53025 082

9003050043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp. 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp. 52953 300-52953 048

9003150418 Forwards supplemental response to proposed draft NRC bulletin on loss of fill oil in Rosemount transmitters. Transmitter exhibiting early symptoms of potential fill oil loss replaced & review of calibr data performed.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/12 Document Control Branch (Document Control Desk) 16pp. 53031 109-53031 126

9003160403 Clarifies supplemental response to proposed draft NRC bulletin on loss of fill oil in Rosemount transmitters. per 900313 telcon. Operability acceptance test will be performed.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/13 Document Control Branch (Document Control Desk) 1p. 53036 115-53036 115

9003230095 Applicant answer to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters. Motion considered untimely, fails criteria of 10CFR2.734 & should be denied.  
DIGNAN, T.G. Public Service Co. of New Hampshire, DIGNAN, T.G. Ropes & Gray #190 10103 90/03/13 Atomic Safety and Licensing Appeal Panel 7pp. 53051 121-53051 179

-9003230098 Affidavit of BE Beuchel. Addresses intervenors allegations & whether significant safety issue present re Rosemount transmitters. Supporting info, including Beuchel prof qualifications & Certificate of Svc encl.  
BEUCHEL, B.E. Yankee Atomic Electric Co. 90/03/13 52pp. 53051 128-53051 179

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Core Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 98pp. 52997 190-52997 267

9003190019 Clarifies 900312 supplemental response to proposed draft NRC bulletin on loss of fill oil in Rosemount transmitters. If more frequent calibr required, will be the response tested to operability acceptance criteria.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/14 Document Control Branch (Document Control Desk) 4pp. 53047 335-53047 339

9003230043 NRC Staff response in opposition to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters. Motion fails to meet contentions criteria of 10CFR2.734 & should be denied.  
BARTH, C.A. Assistant General Counsel for Hearings & Enforcement 90/03/14 Atomic Safety and Licensing Appeal Panel 124p. 53052 077-53052 077

-9003230051 Affidavit of J.L. Mauck Rosemount transmitters at Seabrook. Affiant has concluded that licensee in compliance w/GCC 21 of 10CFR50.10CFR50.55a(b) which requires that protection system IEEE-279 Certified.  
MAUCK, J.L. Office of the General Counsel (Post 860701) MALCOLM, J. Intron & Control Systems Branch 90/03/14 62pp. 53052 090-53052 15

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Control Room." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 98pp. 53055 129-53055 225

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiology Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) Consolidated Edison Co. of New York, Inc. 91pp. 53164 057-53164 057

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 100pp. 53139 001-53139 100

9003190349 NRC Info Notice 90-022, "Unsanctioned Equipment Activation: Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 102pp. 53165 007-53165 169

## R. Periodic operating reports & related correspondence

9003200039 "Semiannual Radioactive Effluent Release Rept Jul-Dec 1989." Svc list encl.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 89/12/53078 075-53078 091

9002270151 Monthly operating rept for Jan 1990 for Seabrook Station Unit 1.  
HARDONE, P. FEIGENBAUM, T.C. Public Service Co. of New Hampshire 7pp. 52759 249-52759 255

9003220927 Monthly operating rept for Feb 1990 for Seabrook Unit 1 w/HARDONE, P. FEIGENBAUM, T.C. Public Service Co. of New Hampshire 6pp. 53112 275-53112 280

9003080397 Submits annual rept of primary coolant specific activity exceedance. Spec 3.4.8 limits for period from initial criticality to 891231.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/01 Document Control Branch (Document Control Desk) 1p. 52894 062-52894 062

9003080405 Annual rept of personnel doses in excess of 100 mrem Rept control from initial criticality to 891231. No personnel received excess of 100 mrem.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/01 Document Control Branch (Document Control Desk) 1p. 52894 053-52894 053

9003080421 Submits annual rept of challenges to pressurizer PORVs & safety for initial criticality period through 891231.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/01 Document Control Branch (Document Control Desk) 1p. 52897 075-52897 075

9003080482 Forwards "Seabrook Station 10CFR50.59 Safety Evaluation Rept, Oct-Dec 1989." Power supply breakers for containment lighting panel placed & smoke detector insp frequency changed to at least semiannually.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/01 Document Control Branch (Document Control Desk) 16pp. 52893 302-52893 317

9003140267 Forwards "Secondary Chemistry Annual Rept." for 1989 Rept & evaluates 1989 condensate, feedwater & steam generator water chemistry experience & repts full time secondary water chemistry parameters out of FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/02 Document Control Branch (Document Control Desk) 4pp. 53000 138-53000 141

## S. Reportable occurrences, LERs & related correspondence

9003060078 LER 90-004-00 on 900123, wide-range gas monitor process flow for vent radiation monitor discovered at default instead of actual value. Cause: personnel error. Process flow restored & technician counseled w/900222 tr.  
BELANGER, R.R., FEIGENBAUM, T.C. Public Service Co. of New Hampshire 22 4pp. 52898 019-52898 022

9003140043 LER 90-005-00 on 900203, actuation of control room emergency & filtration subsystem occurred. Caused by failed radiation monitor due to binding of check source. Monitor returned to operable status w/900305 tr.  
BELANGER, R.R., FEIGENBAUM, T.C. Public Service Co. of New Hampshire 05 6pp. 52978 317-52978 321

9003140429 LER 90-006-00 on 900206,Train A radiation monitor went into high alarm condition, resulting in activation of control room emergency air cleanup and filtration subsystem. Caused by mechanical binding. Detector tube remounted W/900308 ltr BELANGER, R.R., FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/12 5pp. 53053 042-53053 056.

9003200378 LER 90-008-00 on 900209, latching mechanism for door entering containment ended by failed emergency air cleanup bys inoperative Plant cool down. Failed latch mechanism repaired and door returned to svc W/900312 ltr BELANGER, R.R., FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/12 4pp. 53053 047-53053 050.

9003200384 LER 90-007-00 on 900208, when source check removed from control room, RM 6506B entered high alarm condition, causing ESF activation of emergency air cleanup bys. Caused by mechanical binding. Check source replaced W/900312 ltr BELANGER, R.R., FEIGENBAUM, T.C. Public Service Co. of New Hampshire 90/03/12 5pp. 53053 051-53053 055.

# T. Hearing transcripts on non-antitrust matters

9003270055 Forwards available parts of NRC transcript of tapes discussed in Insp Rpt 53 443/90-82. Analysis of nuclear safety & security implications of tapes should be provided within 90 days of ltr receipt. RUSSELL, W.T. Region 1, Ofc of the Director. 90/02/22. BROWN, E.A. Public Service Co. of New Hampshire. 6pp. 53176 001-53189 040.

-9003270060 Transcript of Tape 001A, Side A, Side B blank Pp 1-20.  
\* Region 1, Ofc of the Director. 89/01/01. 22pp. 53184:272-53184 293.

-9003270084 Transcript of Tape 002/003, Sides A & B Pp 1-40.  
\* Region 1, Ofc of the Director. 89/01/02. 42pp. 53184:230-53184 271.

-9003270068 Transcript of Tape 004/005, Sides A & B Pp 1-25.  
\* Region 1, Ofc of the Director. 89/01/04. 25pp. 53184:294-53184 320.

-9003270070 Transcript of Tape 006/007, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/01/05. 36pp. 53184:321-53184 356.

-9003270072 Transcript of Tape 008/009, Sides A & B Pp 1-30.  
\* Region 1, Ofc of the Director. 89/01/07. 40pp. 53184:357-53185 036.

-9003270074 Transcript of Tape 018/019, Sides A & B Pp 1-29.  
\* Region 1, Ofc of the Director. 89/01/12. 31pp. 53185:037-53185 067.

-9003270077 Transcript of Tape 020, Side A, Side B blank Pp 1-20.  
\* Region 1, Ofc of the Director. 89/01/13. 22pp. 53185:068-53185 089.

-9003270079 Transcript of Tape 021/022, Sides A & B Pp 1-27.  
\* Region 1, Ofc of the Director. 89/01/13. 29pp. 53185:090-53185 118.

-9003270081 Transcript of Tape 023/024, Sides A & B Pp 1-33.  
\* Region 1, Ofc of the Director. 89/01/14. 35pp. 53185:119-53185 153.

-9003270082 Transcript of Tape 025/026, Sides A & B Pp 1-27.  
\* Region 1, Ofc of the Director. 89/01/16. 29pp. 53185:154-53185 182.

-9003270085 Transcript of Tape 027/028, Sides A & B Pp 1-37.  
\* Region 1, Ofc of the Director. 89/01/17. 39pp. 53185:183-53185 221.

-9003270087 Transcript of Tape 029/030, Sides A & B Pp 1-27.  
\* Region 1, Ofc of the Director. 89/01/18. 29pp. 53185:222-53185 250.

-9003270088 Transcript of Tape 031/033, Sides A & B Pp 1-23.  
\* Region 1, Ofc of the Director. 89/01/19. 25pp. 53185:251-53185 276.

-9003270090 Transcript of Tape 032/034, Sides A & B Pp 1-32.  
\* Region 1, Ofc of the Director. 89/01/20. 34pp. 53185:276-53185 309.

-9003270092 Transcript of Tape 035/036, Sides A & B Pp 1-37.  
\* Region 1, Ofc of the Director. 89/01/21. 39pp. 53185:310-53185 348.

-9003270094 Transcript of Tape 037/038, Sides A & B Pp 1-43.  
\* Region 1, Ofc of the Director. 89/01/22. 45pp. 53185:349-53188 033.

-9003270097 Transcript of Tape 039/040, Sides A & B Pp 1-40.  
\* Region 1, Ofc of the Director. 89/01/23. 42pp. 53186:034-53188 075.

-9003270098 Transcript of Tape 041/042, Sides A & B Pp 1-41.  
\* Region 1, Ofc of the Director. 89/01/24. 43pp. 53186:076-53186 118.

-9003270099 Transcript of Tape 043/044, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/01/25. 36pp. 53186:119-53188 154.

-9003270100 Transcript of Tape 045/046, Sides A & B Pp 1-33.  
\* Region 1, Ofc of the Director. 89/01/26. 35pp. 53186:165-53188 189.

-9003270103 Transcript of Tape 708/709, Sides A & B Pp 1-35.  
\* Region 1, Ofc of the Director. 89/11/09. 37pp. 53186:190-53186 226.

-9003270106 Transcript of Tape 710/711, Sides A & B Pp 1-45.  
\* Region 1, Ofc of the Director. 89/11/09. 47pp. 53186:227-53186 273.

-9003270107 Transcript of Tape 712/713, Sides A & B Pp 1-45.  
\* Region 1, Ofc of the Director. 89/11/11. 47pp. 53186:274-53188 320.

-9003270108 Transcript of Tape 716/717, Sides A & B Pp 1-45.  
\* Region 1, Ofc of the Director. 89/11/17. 47pp. 53186:321-53187 007.

-9003270109 Transcript of Tape 718/719, Sides A & B Pp 1-46.  
\* Region 1, Ofc of the Director. 89/11/18. 48pp. 53187:008-53187 055.

-9003270110 Transcript of Tape 720/721, Sides A & B Pp 1-25.  
\* Region 1, Ofc of the Director. 89/11/20. 27pp. 53187:056-53187 082.

-9003270112 Transcript of Tape 722/723, Sides A & B Pp 1-14.  
\* Region 1, Ofc of the Director. 89/11/21. 16pp. 53187:083-53187 096.

-9003270115 Transcript of Tape 724/725, Sides A & B Pp 1-22.  
\* Region 1, Ofc of the Director. 89/11/22. 24pp. 53187:090-53187 122.

-9003270117 Transcript of Tape 726/727, Sides A & B Pp 1-26.  
\* Region 1, Ofc of the Director. 89/11/22. 28pp. 53187:123-53187 150.

-9003270118 Transcript of Tape 728/729, Sides A & B Pp 1-29.  
\* Region 1, Ofc of the Director. 89/11/25. 31pp. 53187:151-53187 181.

-9003270121 Transcript of Tape 730/731, Sides A & B Pp 1-17.  
\* Region 1, Ofc of the Director. 89/11/25. 19pp. 53187:182-53187 200.

-9003270122 Transcript of Tape 732/733, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/11/27. 36pp. 53187:201-53187 236.

-9003270123 Transcript of Tape 734/735, Sides A & B Pp 1-33.  
\* Region 1, Ofc of the Director. 89/11/28. 35pp. 53187:232-53187 271.

-9003270124 Transcript of Tape 736/737, Sides A & B Pp 1-39.  
\* Region 1, Ofc of the Director. 89/11/29. 41pp. 53187:272-53187 312.

-9003270126 Transcript of Tape 738/739, Sides A & B Pp 1-11.  
\* Region 1, Ofc of the Director. 89/11/29. 13pp. 53187:313-53187 325.

-9003270127 Transcript of Tape 740/741, Sides A & B Pp 1-40.  
\* Region 1, Ofc of the Director. 89/11/30. 42pp. 53187:326-53188 007.

-9003270128 Transcript of Tape 800/801, Sides A & B Pp 1-35.  
\* Region 1, Ofc of the Director. 89/12/01. 37pp. 53187:343-53188 044.

-9003270130 Transcript of Tape 802/803, Sides A & B Pp 1-28.  
\* Region 1, Ofc of the Director. 89/12/02. 30pp. 53188:045-53188 074.

-9003270132 Transcript of Tape 804/805, Sides A & B Pp 1-38.  
\* Region 1, Ofc of the Director. 89/12/03. 38pp. 53188:075-53188 112.

-9003270135 Transcript of Tape 047/048, Sides A & B Pp 1-50.  
\* Region 1, Ofc of the Director. 89/01/27. 52pp. 53188:113-53188 164.

-9003270137 Transcript of Tape 049/050, Sides A & B Pp 1-45.  
\* Region 1, Ofc of the Director. 89/01/29. 47pp. 53188:165-53189 211.

-9003270138 Transcript of Tape 053/056, Sides A & B Pp 1-40.  
\* Region 1, Ofc of the Director. 89/01/31. 42pp. 53188:212-53188 253.

-9003270140 Transcript of Tape 054/057, Sides A & B Pp 1-50.  
\* Region 1, Ofc of the Director. 89/01/31. 52pp. 53188:254-53188 305.

-9003270142 Transcript of Tape 055/059, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/02/01. 36pp. 53188:306-53188 341.

-9003270144 Transcript of Tape 059/060, Sides A & B Pp 1-50.  
\* Region 1, Ofc of the Director. 89/02/02. 58pp. 53188:342-53189 040.

-9003270147 Transcript of Tape 061/062, Sides A & B Pp 1-29.  
\* Region 1, Ofc of the Director. 89/02/03. 31pp. 53181:103-53181 133.

-9003270148 Transcript of Tape 063/064, Sides A & B Pp 1-31.  
\* Region 1, Ofc of the Director. 89/02/04. 33pp. 53181:134-53181 166.

-9003270149 Transcript of Tape 065/067A, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/02/05. 36pp. 53181:167-53181 202.

-9003270150 Transcript of Tape 066/068, Sides A & B Pp 1-38.  
\* Region 1, Ofc of the Director. 89/02/05. 38pp. 53181:203-53181 240.

-9003270152 Transcript of Tape 069/070, Sides A & B Pp 1-30.  
\* Region 1, Ofc of the Director. 89/02/07. 32pp. 53181:241-53181 272.

-9003270153 Transcript of Tape 071/072, Sides A & B Pp 1-18.  
\* Region 1, Ofc of the Director. 89/02/08. 20pp. 53181:273-53181 292.

-9003270154 Transcript of Tape 073, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/05/08. 36pp. 53181:293-53181 328.

-9003270155 Transcript of Tape 075/076, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/02/10. 36pp. 53181:329-53182 004.

-9003270157 Transcript of Tape 077/078, Sides A & B Pp 1-20.  
\* Region 1, Ofc of the Director. 89/02/10. 22pp. 53182:005-53182 028.

-9003270159 Transcript of Tape 079/080, Side A, Side B Blank Pp 1-33.  
\* Region 1, Ofc of the Director. 89/02/12. 35pp. 53182:027-53182 081.

-9003270160 Transcript of Tape 104/105, Sides A & B Pp 1-46.  
\* Region 1, Ofc of the Director. 89/02/23. 48pp. 53182:082-53182 109.

-9003270161 Transcript of Tape 106/107, Sides A & B Pp 1-38.  
\* Region 1, Ofc of the Director. 89/02/24. 40pp. 53182:110-53182 149.

-9003270162 Transcript of Tape 108/109, Sides A & B Pp 1-38.  
\* Region 1, Ofc of the Director. 89/02/28. 40pp. 53182:150-53182 188.

-9003270163 Transcript of Tape 110/111, Sides A & B Pp 1-48.  
\* Region 1, Ofc of the Director. 89/02/28. 48pp. 53182:190-53182 237.

-9003270166 Transcript of Tape 864/865, Sides A & B Pp 1-23.  
\* Region 1, Ofc of the Director. 89/12/28. 25pp. 53182:238-53182 262.

-9003270169 Transcript of Tape 866/867, Sides A & B Pp 1-37.  
\* Region 1, Ofc of the Director. 89/10/31. 39pp. 53182:263-53182 301.

-9003270171 Transcript of Tape 868/869, Side A, Side B Blank Pp 1-18.  
\* Region 1, Ofc of the Director. 89/12/27. 20pp. 53182:302-53182 321.

-9003270172 Transcript of Tape 870/871, Sides A & B Pp 1-37.  
\* Region 1, Ofc of the Director. 89/12/28. 38pp. 53182:322-53182 360.

- 9003270174 Transcript of Tape 874/875, Sides A & B Pp 1-34  
\* Region 1, Ofc of the Director 89/12/28. 36pp 53183.001-53183.036
- 9003270176 Transcript of Tape 876/877, Side A, Side B Blank Pp 1-21  
\* Region 1, Ofc of the Director 89/12/30. 23pp 53183.037-53183.059
- 9003270177 Transcript of Tape 878/879, Side A, Side B Blank Pp 1-10  
\* Region 1, Ofc of the Director 89/12/31. 12pp 53183.060-53183.071
- 9003270179 Transcript of Tape 880/881, Sides A & B Pp 1-18  
\* Region 1, Ofc of the Director 89/12/31. 20pp 53183.072-53183.091
- 9003270181 Transcript of Tape 890/901, Side A, Side B Blank Pp 1-21  
\* Region 1, Ofc of the Director 90/01/01. 33pp 53183.092-53183.114
- 9003270182 Transcript of Tape 904/905, Sides A & B Pp 1-22  
\* Region 1, Ofc of the Director 89/11/26. 24pp 53183.115-53183.138
- 9003270184 Transcript of Tape 906/907, Sides A & B Pp 1-31  
\* Region 1, Ofc of the Director 90/01/04. 33pp 53183.139-53183.171
- 9003270186 Transcript of Tape 908/909, Sides A & B Pp 1-47  
\* Region 1, Ofc of the Director 90/01/08. 49pp 53183.172-53183.220
- 9003270188 Transcript of Tape 910/911, Side A, Side B Blank Pp 1-31  
\* Region 1, Ofc of the Director 90/01/06. 33pp 53177.223-53177.255
- 9003270189 Transcript of Tape 912/913, Sides A & B Pp 1-30  
\* Region 1, Ofc of the Director 90/01/07. 32pp 53177.172-53177.203
- 9003270191 Transcript of Tape 918/919, Side A, Side B Blank Pp 1-23  
\* Region 1, Ofc of the Director 90/01/12. 25pp 53177.147-53177.171
- 9003270193 Transcript of Tape 920/921, Side A, Side B Blank Pp 1-23  
\* Region 1, Ofc of the Director 90/01/12. 25pp 53177.097-53177.121
- 9003270194 Transcript of Tape 922/923, Sides A & B Pp 1-23  
\* Region 1, Ofc of the Director 90/01/12. 25pp 53177.122-53177.146
- 9003270197 Transcript of Tape 924/925, Side A, Side B Blank Pp 1-17  
\* Region 1, Ofc of the Director 90/01/13. 18pp 53177.204-53177.222
- 9003270199 Transcript of Tape 908/807, Side A, Side B Blank Pp 1-19  
\* Region 1, Ofc of the Director 89/12/03. 21pp 53177.300-53177.320
- 9003270200 Transcript of Tape 608/809, Side A, Side B Blank Pp 1-18  
\* Region 1, Ofc of the Director 89/12/03. 20pp 53178.004-53178.023
- 9003270202 Transcript of Tape 810/811, Sides A & B Pp 1-41  
\* Region 1, Ofc of the Director 89/12/04. 43pp 53177.321-53178.003
- 9003270204 Transcript of Tape 812/813, Sides A & B Pp 1-39  
\* Region 1, Ofc of the Director 89/12/04. 41pp 53177.024-53177.084
- 9003270205 Transcript of Tape 814/815, Side A, Side B Blank Pp 1-11  
\* Region 1, Ofc of the Director 89/12/05. 13pp 53177.065-53177.077
- 9003270207 Transcript of Tape 816/817, Sides A & B Pp 1-17  
\* Region 1, Ofc of the Director 89/12/06. 19pp 53177.078-53177.096
- 9003270209 Transcript of Tape 818/819, Side A, Side B Blank Pp 1-21  
\* Region 1, Ofc of the Director 89/12/07. 23pp 53177.001-53177.023
- 9003270210 Transcript of Tape 820/821, Sides A & B Pp 1-38  
\* Region 1, Ofc of the Director 89/12/08. 40pp 53178.087-53178.126
- 9003270211 Transcript of Tape 822/823, Side A, Side B Blank Pp 1-18  
\* Region 1, Ofc of the Director 89/12/08. 20pp 53178.067-53178.086
- 9003270213 Transcript of Tape 824/825, Sides A & B Pp 1-41  
\* Region 1, Ofc of the Director 89/12/09. 43pp 53178.024-53178.066
- 9003270215 Transcript of Tape 826/827, Sides A & B Pp 1-42  
\* Region 1, Ofc of the Director 89/12/10. 44pp 53177.256-53177.299
- 9003270217 Transcript of Tape 828/829, Sides A & B Pp 1-41  
\* Region 1, Ofc of the Director 89/12/10. 43pp 53176.240-53176.282
- 9003270220 Transcript of Tape 830/831, Side A, Side B Blank Pp 1-23  
\* Region 1, Ofc of the Director 89/12/11. 25pp 53176.215-53176.238
- 9003270222 Transcript of Tape 832/833, Sides A & B Pp 1-21  
\* Region 1, Ofc of the Director 89/12/12. 23pp 53176.283-53176.305
- 9003270223 Transcript of Tape 834/835, Sides A & B Pp 1-53  
\* Region 1, Ofc of the Director 89/12/13. 55pp 53176.306-53176.360
- 9003270225 Transcript of Tape 836/837, Sides A & B Pp 1-52  
\* Region 1, Ofc of the Director 89/12/13. 54pp 53176.007-53176.060
- 9003270228 Transcript of Tape 838/839, Sides A & B Pp 1-33  
\* Region 1, Ofc of the Director 89/12/14. 35pp 53176.061-53176.095
- 9003270230 Transcript of Tape 860/861, Sides A & B Pp 1-26  
\* Region 1, Ofc of the Director 89/11/09. 28pp 53176.098-53176.123
- 9003270232 Transcript of Tape 862/863, Sides A & B Pp 1-34  
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- 9003270233 Transcript of Tape 210/211, Sides A & B Pp 1-26  
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- 9003270234 Transcript of Tape 212/213, Sides A & B Pp 1-25  
\* Region 1, Ofc of the Director 89/05/21. 27pp 53176.188-53176.214
- 9003270238 Transcript of 890604 & 08 Tapes 220/221, Sides A & B, respectively Pp 1-34  
\* Region 1, Ofc of the Director 89/06/04. 38pp 53178.127-53178.182
- 9003270240 Transcript of 890608 & 09 Tapes 222/223, Sides A & B, respectively Pp 1-34  
\* Region 1, Ofc of the Director 89/06/08. 38pp 53178.163-53178.199
- 9003270242 Transcript of 890615 & 16 Tapes 228/229, Sides A & B, respectively Pp 1-25  
\* Region 1, Ofc of the Director 89/08/15. 37pp 53178.199-53178.235
- 9003270246 Transcript of 891010 & 12 Tapes 602 & 603, Sides A & B, respectively Pp 1-46  
\* Region 1, Ofc of the Director 89/10/10. 48pp 53178.236-53178.282
- 9003270248 Transcript of 891016 Tapes 604/605, Sides A & B Pp 1-31  
\* Region 1, Ofc of the Director 89/10/16. 33pp 53178.284-53178.316
- 9003270249 Transcript of 891017 Tapes 606/607, Sides A & B Pp 1-39  
\* Region 1, Ofc of the Director 89/10/17. 41pp 53178.317-53178.357
- 9003270252 Transcript of 891018 & 19 Tapes 608/609, Sides A & B, respectively Pp 1-43  
\* Region 1, Ofc of the Director 89/10/18. 45pp 53178.358-53178.402
- 9003270253 Transcript of 891020 & 23 Tapes 610/611, Sides A & B, respectively Pp 1-39  
\* Region 1, Ofc of the Director 89/10/20. 41pp 53179.043-53179.083
- 9003270254 Transcript of 891023 & 24 Tapes 612/613, Sides A & B, respectively Pp 1-48  
\* Region 1, Ofc of the Director 89/10/23. 50pp 53179.084-53179.133
- 9003270258 Transcript of 890524 & 25 Tapes 614/615, Sides A & B, respectively Pp 1-40  
\* Region 1, Ofc of the Director 89/05/24. 41pp 53180.239-53180.279
- 9003270259 Transcript of 891025 & 26 Tapes 616/617, Sides A & B, respectively Pp 1-26  
\* Region 1, Ofc of the Director 89/10/25. 28pp 53180.280-53180.307
- 9003270260 Transcript of 891028 & 29 Tapes 620/621, Sides A & B, respectively Pp 1-54  
\* Region 1, Ofc of the Director 89/10/28. 56pp 53180.308-53180.333
- 9003270261 Transcript of 891029 & 30 Tapes 622/623, Sides A & B, respectively Pp 1-60  
\* Region 1, Ofc of the Director 89/10/29. 62pp 53181.004-53181.065
- 9003270283 Transcript of 891031 Tapes 624/625, Sides A & B Pp 1-35  
\* Region 1, Ofc of the Director 89/10/31. 37pp 53181.066-53181.102
- 9003270284 Transcript of Tape 700/701, Sides A & B on 891101 Pp 1-34  
\* Region 1, Ofc of the Director 89/11/01. 36pp 53179.302-53179.337
- 9003270267 Transcript of Tape 702/703, Side A on 891102 & Side B on 891223 Pp 1-27  
\* Region 1, Ofc of the Director 89/11/02. 28pp 53179.338-53180.005
- 9003270268 Transcript of 891103 & 1224 Tapes 704/705, Sides A & B, respectively Pp 1-28  
\* Region 1, Ofc of the Director 89/11/03. 30pp 53179.134-53179.163
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\* Region 1, Ofc of the Director 89/11/03. 36pp 53179.164-53179.199
- 9003270272 Transcript of 890301 & 02 Tapes 112/113, Sides A & B, respectively Pp 1-32  
\* Region 1, Ofc of the Director 89/03/01. 34pp 53179.200-53179.233
- 9003270273 Transcript of 890302 & 03 Tapes 114/115, Sides A & B, respectively Pp 1-35  
\* Region 1, Ofc of the Director 89/03/02. 37pp 53179.234-53179.270
- 9003270276 Transcript of 890304 & 05 Tapes 118/119, Sides A & B, respectively Pp 1-29  
\* Region 1, Ofc of the Director 89/03/04. 31pp 53179.271-53179.301
- 9003270276 Transcript of 890306 Tapes 120/121, Sides A & B Pp 1-42  
\* Region 1, Ofc of the Director 89/03/06. 44pp 53180.006-53180.049
- 9003270277 Transcript of 890307 & 08 Tapes 122/123, Sides A & B, respectively Pp 1-47  
\* Region 1, Ofc of the Director 89/03/07. 49pp 53180.050-53180.098
- 9003270278 Transcript of 890309 & 11 Tapes 124/125, Sides A & B, respectively Pp 1-44  
\* Region 1, Ofc of the Director 89/03/09. 46pp 53180.099-53180.144
- 9003270279 Transcript of 890312 & 13 Tapes 126/127, Sides A & B, respectively Pp 1-42  
\* Region 1, Ofc of the Director 89/03/12. 44pp 53180.145-53180.188
- 9003270281 Transcript of 890314 & 15 Tapes 128/129, Sides A & B, respectively Pp 1-47  
\* Region 1, Ofc of the Director 89/03/14. 49pp 53180.189-53180.237
- 9003270282 Transcript of Tape 130/131, Sides A & B Pp 1-38  
\* Region 1, Ofc of the Director 89/03/16. 40pp 53180.221-53180.260
- 9003270283 Transcript of Tape 134/135, Sides A & B Pp 1-29  
\* Region 1, Ofc of the Director 89/03/18. 31pp 53180.261-53180.291
- 9003270284 Transcript of Tape 136/137, Sides A & B Pp 1-33  
\* Region 1, Ofc of the Director 89/03/20. 35pp 53180.292-53180.326
- 9003270286 Transcript of Tape 140/141, Sides A & B Pp 1-30  
\* Region 1, Ofc of the Director 89/03/22. 32pp 53180.327-53180.358

--9003270287 Transcript of Tape 142/143, Sides A & B Pp 1-23.  
\* Region 1, Ofc of the Director. 89/03/23. 25pp. 53184.001-53184.025.

--9003270289 Transcript of Tape 190/191, Sides A & B Pp 1-29.  
\* Region 1, Ofc of the Director. 89/05/03. 31pp. 53184.026-53184.056.

--9003270290 Transcript of Tape 192/193, Sides A & B Pp 1-39.  
\* Region 1, Ofc of the Director. 89/05/04. 41pp. 53184.057-53184.097.

--9003270291 Transcript of Tape 194/195, Sides A & B Pp 1-49.  
\* Region 1, Ofc of the Director. 89/05/05. 11pp. 53184.098-53184.108.

--9003270293 Transcript of Tape 196/197, Sides A & B Pp 1-30.  
\* Region 1, Ofc of the Director. 89/05/07. 32pp. 53184.109-53184.140.

--9003270295 Transcript of Tape 202/203, Sides A & B Pp 1-36.  
\* Region 1, Ofc of the Director. 89/05/11. 39pp. 53184.141-53184.178.

--9003270297 Transcript of Tape 204/205, Sides A & B Pp 1-22.  
\* Region 1, Ofc of the Director. 89/05/13. 24pp. 53184.179-53184.202.

--9003270298 Transcript of Tape 206/208, Sides A & B Pp 1-25.  
\* Region 1, Ofc of the Director. 89/05/16. 27pp. 53184.203-53184.229.

9003260009 Forwards remainder of NRC transcript of tapes discussed in Insp Rept 50-443/90-82 for review. Analysis of nuclear safety & security implications should be submitted w/analysis of transcript forwarded to licensee on 900222 W/Svc list. RUSSELL, W.T. Region 1, Ofc of the Director. 90/03/20. BROWN, E.A. Public Service Co of New Hampshire. 6pp. 53157.094-53163.305.

--9003260021 Transcript of 890528 & 20 Tapes 218/219, Sides A & B, respectively Pp 1-24.  
\* Region 1, Ofc of the Director. 89/05/28. 26pp. 53157.100-53157.125.

--9003260025 Transcript of 890611 & 12 Tapes 224/225, Sides A & B, respectively Pp 1-26.  
\* Region 1, Ofc of the Director. 89/06/11. 28pp. 53157.126-53157.153.

--9003260027 Transcript of 890612 & 13 Tapes 226/227, Sides A & B, respectively Pp 1-28.  
\* Region 1, Ofc of the Director. 89/06/12. 30pp. 53157.154-53157.183.

--9003260028 Transcript of 890619 Tapes 230/231, Side A & Side B blank Pp 1-8.  
\* Region 1, Ofc of the Director. 89/06/19. 10pp. 53157.184-53157.193.

--9003260034 Transcript of 891010 & 11 Tapes 600/601, Sides A & B, respectively Pp 1-38.  
\* Region 1, Ofc of the Director. 89/10/10. 38pp. 53157.194-53157.231.

--9003260035 Transcript of 891027 Tapes 610/619, Sides A & B Pp 1-19.  
\* Region 1, Ofc of the Director. 89/10/27. 21pp. 53157.232-53157.252.

--9003260037 Transcript of 891116 & 17 Tapes 714/715, Sides A & B, respectively Pp 1-45.  
\* Region 1, Ofc of the Director. 89/11/16. 47pp. 53157.253-53157.289.

--9003260052 Transcript of 891214 & 21 Tapes 840/841, Sides A & B, respectively Pp 1-34.  
\* Region 1, Ofc of the Director. 89/12/14. 36pp. 53157.300-53157.335.

--9003260058 Transcript of 891215 Tapes 842/843, Sides A & B Pp 1-37.  
\* Region 1, Ofc of the Director. 89/12/15. 39pp. 53157.336-53158.014.

--9003260062 Transcript of 891216 Tapes 844/845, Sides A & B Pp 1-25.  
\* Region 1, Ofc of the Director. 89/12/16. 27pp. 53158.015-53158.041.

--9003260063 Transcript of 891217 Tapes 846/847, Side A & Side B blank Pp 1-21.  
\* Region 1, Ofc of the Director. 89/12/17. 23pp. 53158.042-53158.064.

--9003260065 Transcript of 891218 Tapes 848/849, Sides A & B Pp 1-30.  
\* Region 1, Ofc of the Director. 89/12/18. 41pp. 53158.065-53158.105.

--9003260068 Transcript of 891218 Tapes 850/851, Side A & Side B blank Pp 1-18.  
\* Region 1, Ofc of the Director. 89/12/18. 20pp. 53158.106-53158.125.

--9003260069 Transcript of 891219 & 21 Tapes 852/853, Sides A & B, respectively Pp 1-44.  
\* Region 1, Ofc of the Director. 89/12/19. 46pp. 53158.126-53158.171.

--9003260071 Transcript of 891219 Tapes 854/855, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/12/19. 36pp. 53158.172-53158.207.

--9003260073 Transcript of 891220 Tapes 856/857, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/12/20. 36pp. 53158.208-53158.243.

--9003260076 Transcript of 891220 Tapes 858/859, Side A & Side B blank Pp 1-17.  
\* Region 1, Ofc of the Director. 89/12/20. 18pp. 53158.244-53158.262.

--9003260079 Transcript of 891228 & 29 Tapes 872/873, Sides A & B, respectively Pp 1-47.  
\* Region 1, Ofc of the Director. 89/12/28. 49pp. 53158.263-53158.311.

--9003260081 Transcript of 890102 Tapes 902/903, Sides A & B Pp 1-39.  
\* Region 1, Ofc of the Director. 90/01/02. 41pp. 53158.312-53158.352.

--9003260084 Transcript of 890107 & 08 Tapes 914/915, Sides A & B, respectively Pp 1-24.  
\* Region 1, Ofc of the Director. 90/01/07. 26pp. 53158.353-53158.418.

--9003260085 Transcript of 890111 Tapes 916/917, Sides A & B Pp 1-53.  
\* Region 1, Ofc of the Director. 90/01/11. 55pp. 53159.019-53159.073.

--9003260087 Transcript of 890113 Tapes 928/027, Sides A & B Pp 1-72.  
\* Region 1, Ofc of the Director. 90/01/13. 74pp. 53159.074-53159.147.

--9003260092 Transcript of 890109 Tapes 010/013, Sides A & B Pp 1-28.  
\* Region 1, Ofc of the Director. 89/01/09. 30pp. 53159.148-53159.177.

--9003260099 Transcript of 890108 Tapes 011/012, Sides A & B Pp 1-34.  
\* Region 1, Ofc of the Director. 89/01/08. 36pp. 53159.178-53159.213.

--9003260103 Transcript of 890110 Tapes 014/015, Sides A & B Pp 1-24.  
\* Region 1, Ofc of the Director. 89/01/10. 26pp. 53159.214-53159.239.

--9003260107 Transcript of 890111 Tapes 016/017, Sides A & B Pp 1-40.  
\* Region 1, Ofc of the Director. 89/01/11. 42pp. 53159.240-53159.281.

--9003260110 Transcript of 890130 Tapes 051/052, Side A & Side B duplicate of Side A Pp 1-22.  
\* Region 1, Ofc of the Director. 89/01/30. 24pp. 53159.282-53159.305.

--9003260114 Transcript of 890209 Tape 074, Side A & Side B blank Pp 1-20.  
\* Region 1, Ofc of the Director. 89/02/09. 22pp. 53159.306-53159.327.

--9003260119 Transcript of 890213 Tapes 081/082, Sides A & B Pp 1-41.  
\* Region 1, Ofc of the Director. 89/02/13. 43pp. 53159.328-53160.010.

--9003260125 Transcript of 890213 & 14 Tapes 083/084, Sides A & B, respectively Pp 1-37.  
\* Region 1, Ofc of the Director. 89/02/13. 39pp. 53160.011-53160.049.

--9003260140 Transcript of 890214 Tapes 085/086, Sides A & B Pp 1-39.  
\* Region 1, Ofc of the Director. 89/02/14. 41pp. 53160.050-53160.090.

--9003260145 Transcript of 890215 Tapes 087/088, Sides A & B Pp 1-15.  
\* Region 1, Ofc of the Director. 89/02/15. 17pp. 53160.091-53160.107.

--9003260148 Transcript of 890215 & 16 Tapes 089/090, Sides A & B, respectively Pp 1-37.  
\* Region 1, Ofc of the Director. 89/02/15. 39pp. 53160.108-53160.146.

--9003260151 Transcript of 890216 Tape 091, Side A & Side B blank Pp 1-6.  
\* Region 1, Ofc of the Director. 89/02/16. 8pp. 53160.147-53160.154.

--9003260152 Transcript of 890216 & 17 Tapes 092/093, Sides A & B, respectively Pp 1-37.  
\* Region 1, Ofc of the Director. 89/02/16. 39pp. 53160.155-53160.193.

--9003260157 Transcript of 890217 & 18 Tapes 084/095, Sides A & B, respectively Pp 1-23.  
\* Region 1, Ofc of the Director. 89/02/17. 25pp. 53160.194-53160.218.

--9003260163 Transcript of 890218 & 19 Tapes 096/097, Sides A & B, respectively Pp 1-35.  
\* Region 1, Ofc of the Director. 89/02/18. 37pp. 53160.219-53160.255.

--9003260168 Transcript of 890219 Tapes 098/099, Sides A & B Pp 1-39.  
\* Region 1, Ofc of the Director. 89/02/19. 41pp. 53160.256-53160.296.

--9003260172 Transcript of 890220 & 21 Tapes 100/101, Sides A & B, respectively Pp 1-26.  
\* Region 1, Ofc of the Director. 89/02/20. 28pp. 53160.297-53160.324.

--9003260174 Transcript of 890221 & 22 Tapes 102/103, Sides A & B, respectively Pp 1-32.  
\* Region 1, Ofc of the Director. 89/02/21. 34pp. 53160.325-53160.358.

--9003260178 Transcript of 890303 & 04 Tapes 118/117, Sides A & B, respectively Pp 1-31.  
\* Region 1, Ofc of the Director. 89/03/03. 33pp. 53160.359-53161.031.

--9003260178 Transcript of 890317 & 18 Tapes 132/133, Sides A & B, respectively Pp 1-30.  
\* Region 1, Ofc of the Director. 89/03/17. 41pp. 53161.032-53161.072.

--9003260180 Transcript of 890324 Tapes 144/145, Sides A & B Pp 1-35.  
\* Region 1, Ofc of the Director. 89/03/24. 37pp. 53161.073-53161.109.

--9003260193 Transcript of 890325 & 26 Tapes 146/147, Sides A & B, respectively Pp 1-43.  
\* Region 1, Ofc of the Director. 89/03/25. 45pp. 53161.110-53161.155.

--9003260197 Transcript of 890327 Tapes 148/149, Sides A & B Pp 1-25.  
\* Region 1, Ofc of the Director. 89/03/27. 27pp. 53161.156-53161.182.

--9003260204 Transcript of 890328 Tapes 150/151, Sides A & B Pp 1-31.  
\* Region 1, Ofc of the Director. 89/03/28. 33pp. 53161.183-53161.215.

--9003260215 Transcript of 890329 Tapes 152/153, Sides A & B Pp 1-33.  
\* Region 1, Ofc of the Director. 89/03/29. 35pp. 53161.216-53161.250.

--9003260218 Transcript of 890330 Tapes 154/155, Sides A & B Pp 1-27.  
\* Region 1, Ofc of the Director. 89/03/30. 29pp. 53161.251-53161.279.

--9003260222 Transcript of 890331 Tapes 156/157, Sides A & B Pp 1-19.  
\* Region 1, Ofc of the Director. 89/03/31. 21pp. 53161.280-53161.300.

--9003260227 Transcript of 890401 Tapes 158/159, Sides A & B Pp 1-35.  
\* Region 1, Ofc of the Director. 89/04/01. 37pp. 53161.301-53161.337.

--9003260228 Transcript of 890402 & 03 Tapes 160/161, Sides A & B, respectively Pp 1-33.  
\* Region 1, Ofc of the Director. 89/04/02. 35pp. 53161.338-53162.012.

--9003260233 Transcript of 890404 Tapes 162/163, Sides A & B Pp 1-21.  
\* Region 1, Ofc of the Director. 89/04/04. 23pp. 53162.013-53162.035.

--9003260234 Transcript of 890404 & 06 Tapes 164/165, Sides A & B, respectively Pp 1-37.  
\* Region 1, Ofc of the Director. 89/04/04. 39pp. 53162.038-53162.074.

--9003260256 Transcript of 890405 Tape 165A, Sides A & B Pp 1-41.  
\* Region 1, Ofc of the Director. 89/04/05. 43pp. 53162.075-53162.117.



- 9003260257 Transcript of 69C407 Tapes 166/167, Sides A & B Pp 1-35  
\* Region 1, OIC of the Director 69/04/07 37pp 53162 118-53162 154
- 9003260259 Transcript of 69C408 & C9 Tapes 168/169 Sides A & B, respectively Pp 1-32  
\* Region 1, OIC of the Director 69/04/08 40pp 53162 155-53162 194
- 9003260264 Transcript of 69C409 & 10 Tapes 170/171, Sides A & B, respectively Pp 1-42  
\* Region 1, OIC of the Director 69/04/09 44pp 53162 195-53162 236
- 9003260266 Transcript of 69C410 & 11 Tapes 172/173 Sides A & B, respectively Pp 1-25  
\* Region 1, OIC of the Director 69/04/10 26pp 53162 249-53162 291
- 9003260269 Transcript of 69C411 Tapes 174/175, Sides A & B Pp 1-47  
\* Region 1, OIC of the Director 69/04/11 46pp 53162 267-53162 319
- 9003260273 Transcript of 69C415 & 24 Tapes 176/177, Sides A & B, respectively Pp 1-55  
\* Region 1, OIC of the Director 69/04/15 45pp 53162 315-53162 361
- 9003260278 Transcript of 69C425 & 26 Tapes 178/179, Sides A & B, respectively Pp 1-70  
\* Region 1, OIC of the Director 69/04/25 44pp 53162 391-53162 433
- 9003260280 Transcript of 69C427 Tapes 180/181, Sides A & B Pp 1-16  
\* Region 1, OIC of the Director 69/04/27 41pp 53162 413-53162 455
- 9003260285 Transcript of 69C427 & 25 Tapes 182/183, Sides A & B, respectively Pp 1-31  
\* Region 1, OIC of the Director 69/04/27 33pp 53162 471-53162 513
- 9003260291 Transcript of 69C428 & 26 Tapes 184/185, Sides A & B, respectively Pp 1-47  
\* Region 1, OIC of the Director 69/04/28 39pp 53162 504-53162 546
- 9003260295 Transcript of 69C429 Tapes 186A Sides A & B, Pp 1-21  
\* Region 1, OIC of the Director 69/04/29 23pp 53162 143-53162 184
- 9003260299 Transcript of 69C502 Tapes 187/188, Sides A & B Pp 1-20  
\* Region 1, OIC of the Director 69/05/02 27pp 53163 165-53163 193
- 9003260302 Transcript of 69C430 & 0501 Tapes 189/187, Sides A & B, respectively Pp 1-31  
\* Region 1, OIC of the Director 69/04/30 35pp 53163 193-53163 254
- 9003260312 Transcript of 69C515 Tapes 206/207, Sides A & B Pp 1-21  
\* Region 1, OIC of the Director 69/05/15 23pp 53163 255-53163 277
- 9003260316 Transcript of 69C525 & 27 Tapes 216/217, Sides A & B, respectively Pp 1-26  
\* Region 1, OIC of the Director 69/05/25 28pp 53163 276-53163 305

## U. Congressional/Executive Correspondence

- 9002220162 Responds to 900108 request that NRC withhold decision on licensing facility until concerns raised in Quality Technology Corp report for Employee Legal Project are investigated. NRC continuing to evaluate report on 900126 response  
CARR, K.M. Commissioners 90/02/07. MARK, E.J. House of Rep. KENNEDY, E.M., KERRY, J.F. Senate 4pp 52785 242-52785 247
- 9003060025 Ack receipt of 900223 letter request for meeting to express views on licensing of facility. Meeting inappropriate on eve of scheduled Commission action on facility license  
CARR, K.M. Commissioners 90/02/26. MAYROULES, N. MARK, E.J. House of Rep. KERRY, J.F. Senate 14pp 53363 008-53363 021
- 9003060027 Requests meeting to discuss licensing of facility  
MAYROULES, N. House of Rep. KENNEDY, E.M. KERRY, J.F. Senate 90/02/23. CARR, K.M. Commissioners 1p 52851 263-52851 263
- 9003070277 Responds to 900209 letter re safe operation of facility & NRC process for determining whether to issue full power license for plant. Commission assures protection of public health & safety as first & primary consideration  
CARR, K.M. Commissioners 90/02/28. HUMPHREY, G.J. Senate 1p 52891 293-52891 295
- 9003070282 Urges Commission not to make decision re full power license for facility w/o personally reviewing safety-related allegations raised in recent wks Commission orders found inconsistent w/ responsibilities re public health & safety  
HUMPHREY, G.J. Senate 90/02/09. CARR, K.M. Commissioners 5pp 53059 163-53059 167

## V. Operator Examinations

- 9003180398 Notifies that senior operator license no longer required for PD McCabe & licensee considered expired.  
DRAW, B.D. Public Service Co. of New Hampshire 90/03/13. Document Control Branch (Document Control Desk). 2pp 53039 291-53039 292

## DOCKET 60-444 SEABROOK NUCLEAR STATION, UNIT 2

## A. Application/construction stage documents &amp; correspondence

- 9003090522 Forwards WT Russell memo addressing issues raised re former plant NDE examiner & concludes that no new issues exist to full power licensing involved.  
TAYLOR, J.M. OIC of the Executive Director for Operations. 90/02/28. Commissioners 1p 52973 115-52973 120
- 9003090523 Advises of Region 1 review of concerns of former plant Level III NDE examiner & concludes that no current conditions exist to full power licensing involved.  
RUSSELL, W.T. Region 1, OIC of the Director. 90/02/28. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp 52873 116-52873 120

9003300140 Advises that three encl INPO repts contain no info to change NRC's position that reasonable assurance exists that facility can operate safely, per 9003300140. Cross on hearing re full power operation.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 15. TAYLOR, J.M. OIC of the Executive Director for Operations 1p 53155 307

-9003300146 Evaluation of Seabrook Station  
\* Institute of Nuclear Power Operations 89/09/20 61pp 53155 146-53155 207

-9003300140 Forwards results of evaluation of corporate support & monitoring by conducted on 691002-08 Written Status report requested by June 1993  
FAT, Z.T. Institute of Nuclear Power Operations 89/12/26. DUFFETT, J. Service Co. of New Hampshire 101pp 53155 207-53155 307

9003260583 Informs Commission of release of INPO repts on plant repts of prior to full power licensing decision & placed in PDF along w/ licensee's repts & confirmation of certification of compliance  
TAYLOR, J.M. OIC of the Executive Director for Operations 90/03/16. CARLIS, ROGER S. Commissioners 1p 53199 044-53199 044

9003140009 General Electric 60-03 to all power reactor licensees & applicants re of staff position on General Electric 2012 Part 2. Vendor interface for related Components. Succession  
PART, J.W.J.G. Associate Director for Projects (Post 570411). 70/05/20. General Electric Co. of New York, Inc. 55pp 53195 014-53195 049

## F. Security, medical, emergency &amp; fire protection plans

9002220255 Advises that allegation re disappearance of keycards from plant  
TAYLOR, J.M. Region 1, OIC of the Director 90/02/07. GUSHING, R. All Assigned 6pp 52705 309-52705 310

-9002220060 Requests NRC investigation of allegation that number of keycard print entry to protected areas no longer in possession of individuals to whom access is granted  
CLASH, M.G.R. All Assigned Not Assigned 90/02/01. RUSSELL, W. Region 1, OIC of the Director 3pp 52705 315-52705 316

9003010175 NRC Staff response to intervenors request for opportunity to be heard in event Commission decides to review & for non-seeking stay \* NRC object to adj. but of not more than 25 pages from intervenors.  
REIS, J. Assistant General Counsel for Hearings & Enforcement #190 993-27. Commissioners 5pp 52698 336-52698 313

-9003010202 Affidavit of WT Wallace. Discusses Oct 1994 amendments to Seabrook nuclear emergency response plan. Supporting info encl  
WALLACE, W.T. New Hampshire, State of 90/02/16 9pp 52696 353-52696 353

9003050086 Requests leave to file encl further comments of Seacoast Anti-Pollution League re immediate effectiveness of licensing authorization or in alternative part of stay Comments directed to substantial change in state plan  
BACKUS, R.A. Seacoast Anti-Pollution League #180 9963. 90/02/27. Commissioners 1p 52730 205-52730 252

-9003050121 Further comments of Seacoast Anti-Pollution League re "immediacy" of licensing authorization or in alternative in support of stay  
Commission should conclude that amended plan eliminates basis for license W/Svc  
BACKUS, R.A. Seacoast Anti-Pollution League 90/02/27. Commissioners 52730 206-52730 252

9003300140 Advises that three encl INPO repts contain no info to change NRC's position that reasonable assurance exists that facility can operate safely, per 9003300140. Cross on hearing re full power operation.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 15. TAYLOR, J.M. OIC of the Executive Director for Operations 1p 53155 307

-9003300142 Forwards trip report of 880125-29 site visit providing technical data on emergency preparedness performance assessment. Ending schedule 900308 to discuss visit  
KINDLEY, W.R. Institute of Nuclear Power Operations 88/03/02. THOMAS, J. Service Co. of New Hampshire 1p 53155 137-53155 137

-9003300145 Trip report of 880125-29 site visit to participate in audit of emergency preparedness & public affairs div.  
SEIBERLING, R.K. Institute of Nuclear Power Operations 88/02/08. KIN, Institute of Nuclear Power Operations 8pp 53155 138-53155 145

9003280230 On appeal from decision of Board LBP-90-01 (900108). \* Decision affirmed on basis that Board did not err in rulings on Commonwealth's motions or holding that motions deemed untimely w/ related info & Certificate of Safety  
TROUT, J.P. Public Service Co. of New Hampshire #180 10135 90/03/07. Safety and Licensing Appeal Panel. 14pp 53124 087-53124 114

## G. Adjudicatory correspondence

9003010143 Applicant advice to ASLE re erroneous statements in response to order of 900111. \* Applicant accedes to New Hampshire interpretation of provisions that statement Certificate of Svc encl.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Rope #190 9923. 90/02/18. Atomic Safety and Licensing Board Panel. 6pp 52899 308

9003010020 NRC Staff response to Commonwealth of MA atty general reopen record. \* Requests that motion be denied due to considerations of conservation of resources. Certificate of Svc encl.  
CLARK, L.B. Assistant General Counsel for Hearings & Enforcement #190 02/20. Atomic Safety and Licensing Appeal Panel. 14pp 52700 258-52700 258



9003010014 Informs that in response to Commonwealth of MA atty general motion to reopen record, Staff inadvertently failed to mention advisory nature of Appeal Board decision in case.  
CLARK, L.B. Assistant General Counsel for Hearings & Enforcement. #100 9934. 90/02/21. BOLLWERK, G.P., ROSENTHAL, A.S., WILBER, H.A. Atomic Safety and Licensing Appeal Panel. 1p. 52700-276-52700-276.

9003010028 On appeal from decision of Board LBP-89-38 (901211). \* Board decision should be affirmed due to contentions not passing late-filed criteria & argument from regulatory interpretation & history flawed W/Certificate of Svc.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 9967. 90/02/22. Atomic Safety and Licensing Appeal Panel. 45pp. 52700-210-52700-254.

9003010085 Notice of oral argument. \* Informs that oral argument on appeals of joint intervenors will be heard on 900327 in Bethesda, MD W/Certificate of Svc Served on 900223.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9947. 90/02/23. 4pp. 52700-069-52700-072.

9003010090 Order. \* Advises that 900328 oral argument changed to 900327 re appeals of joint intervenors from Board 900216 Order LBP-89-28 to accommodate applicant's lead counsel. W/Certificate of Svc Served on 900223.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9948. 90/02/23. 5pp. 52700-064-52700-068.

9003010096 Order. \* Informs that comments on FEMA petition for leave to file & accompanying response to be lodged w/ASLAB on 900227 W/Certificate of Svc Served on 900226.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9951. 90/02/23. 5pp. 52700-059-52700-063.

9003010118 NRC Staff response to "Emergency Motion of Intervenor(s) to Clarify Status of Appeal of LBP-89-33 & (2) to Reopen Record on New Hampshire Radiological Emergency Response Plan as to Need for Sheltering." W/Certificate of Svc.  
TURK, S.E. Assistant General Counsel for Hearings & Enforcement. #100 9955. 90/02/23. Atomic Safety and Licensing Appeal Panel. 16pp. 52699-273-52699-288.

9003010165 Objection to petition of emergency mgt agency for leave to file FEMA response to emergency motion of intervenors to reopen record as to need for sheltering in certain circumstances. \* Svc list encl.  
BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Moyer & Solomon. #190 9966. 90/02/23. Atomic Safety and Licensing Board Panel. 9pp. 52699-292-52699-300.

9003010176 NRC Staff response to intervenor's request for opportunity to brief ASLAB. 924 in event Commission decides to review & for housekeeping stay. \* NRC would not object to add brief of not more than 25 pages from intervenors.  
REIS, E.J. Assistant General Counsel for Hearings & Enforcement. #190 9956. 90/02/23. Commissioners. 5pp. 52698-338-52698-013.

9003010184 NRC Staff response to intervenor's motion to supply application for stay of LBP-89-32. \* Intervenor's 900214 motion should be denied due to motion lacking predicate. Supporting affidavits & pleadings encl.  
REIS, E.J. Assistant General Counsel for Hearings & Enforcement. 90/02/23. Commissioners. 3pp. 52698-343-52698-013.

9003010190 State of NH comments re applicant response to Board order of 900111. \* Applicant erred in inferring that state Oct 1988 amends to radiological emergency response plan, Vol 4, App F preclude Sheltering ERPA-A in response to general emergency.  
HUNTINGTON, G.M. New Hampshire, State of. 90/02/16. Atomic Safety and Licensing Board Panel. 6pp. 52698-346-52698-350.

9003010200 Affidavit of G.L. Iverson. \* Discusses Oct 1988 amends to State of NH radiological emergency response plan.  
IVERSON, G.L. New Hampshire, State of. 90/02/16. 2pp. 52698-351-52698-352.

9003010202 Affidavit of W.T. Wallace. \* Discusses Oct 1988 amends to State of NH radiological emergency response plan. Supporting info encl.  
WALLACE, W.T. New Hampshire, State of. 90/02/16. 9pp. 52698-353-52698-361.

9003010207 NRC Staff response to emergency motion of intervenors to clarify status of appeal of LBP-89-33 & to reopen record on State of NH radiological emergency response plan as to need for sheltering in certain. \* W/Certificate of Svc.  
TURK, S.E. Assistant General Counsel for Hearings & Enforcement. 90/02/23. Atomic Safety and Licensing Appeal Panel. 12pp. 52698-001-52698-013.

9003010011 Notifies that error discovered at 6-7 of app to "NRC Staff Response to Intervenor's Motion to Vacate LBP-89-32 & Supplemental Motions" & that Contention JI 17 Basis B raised issue re sheltering of transient beach population.  
REIS, E.J. Reactor Licensing Branch. #190 9961. 90/02/26. CHILK, S.J. Office of the Secretary of the Commission. 1p. 52699-185-52699-185.

9003010081 Memorandum & order. \* Atty general of Commonwealth of MA 900201 motion to reopen portion of record in OL proceeding re plant denied due to fact that motion failed to raise exceptional issue W/Certificate of Svc Served on 900226.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9959. 90/02/26. Massachusetts, Commonwealth of. 11pp. 52699-247-52699-267.

9003050041 NRC Staff response to FEMA petition for leave to file response to intervenors emergency motion. \* NRC supports FEMA 900218 petition. FEMA views germane & should be considered in response to intervenors motion. W/Certificate of Svc.  
REIS, E.J. Office of the General Counsel (Post 860701). #190 9977. 90/02/26. Atomic Safety and Licensing Appeal Panel. 4pp. 52730-329-52730-332.

9003050018 Commonwealth of MA atty general reply to petition & response of FEMA to emergency motion of intervenors to reopen record as to need for sheltering in certain circumstances. \* FEMA mistakes record. W/Certificate of Svc.  
BROCK, M.T. Massachusetts, Commonwealth of. #190 9984. 90/02/27. Atomic Safety and Licensing Appeal Panel. 10pp. 52730-347-52730-356.

9003050082 NRC staff motion for extension of filing deadline & enlargement of page limit for brief in response to appeals from LBP-89-32. \* Identified applicants have no objection to motion. Extension requested to 900319 W/Certificate of Svc.  
YOUNG, M.A. Assistant General Counsel for Hearings. #190 9982. 90/02/27. Atomic Safety and Licensing Appeal Panel. 8pp. 52730-263-52730-258.

9003050088 Requests leave to file and further comments of Seacoast Anti-Pollution League re immediate effectiveness of licensing authorization, or in alternative, in support of stay. Comments directed to substantial change in state plan.  
BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Moyer & Solomon. #190 9989. 90/02/27. CARR, K.M., ROBERTS, T.M., ROGERS, K.C. Commissioners. 1p. 52730-205-52730-252.

9003050121 Further comments of Seacoast Anti-Pollution League re "immediate effectiveness" of licensing authorization, or in alternative in support of stay. \* Commission should conclude that amended plan eliminates basis for license W/Svc list.  
BACKUS, R.A. Seacoast Anti-Pollution League. BACKUS, R.A. Backus, Moyer & Solomon. 90/02/27. Commissioners. 46pp. 52730-206-52730-252.

9003050051 Seabrook road news for operation. \* Urges Commission to require applicant to identify & replace potentially defective Rosemount transmitters before commencement of full power operation, per recent NRC insp.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Massachusetts, Commonwealth of. CURRAN, D. Seacoast Anti-Pollution League. #190 9988. 90/02/28. CARR, K.M., ROBERTS, T.M., ROGERS, K.C. Commissioners. 2pp. 52730-267-52730-317.

9003050056 Intervenor's motion to reopen record & admit late-filed contention re defective Rosemount transmitters. \* Svc list encl.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Seacoast Anti-Pollution League. CURRAN, D. Massachusetts, Commonwealth of. 90/02/27. Atomic Safety and Licensing Appeal Panel. 11pp. 52730-268-52730-317.

9003050088 Affidavit of GC Minor re rev of Rosemount transmitters at Seabrook. \* Discusses potential safety impact of Rosemount transmitter problems & need for changing faulty transmitters before plant proceeds w/power ascension & operation.  
MINOR, G.C. MHB Technical Associates. 90/02/26. 38pp. 52730-280-52730-317.

9003060043 Order. \* Directs intervenors to file supplemental memorandum addressing question of ASLAB jurisdiction over safety issues & whether 10CFR2.734(d) contemplations that new issues may be raised before Boards W/Certificate of Svc Served on 900301.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9993. 90/02/28. Office of the General Counsel (Post 860701). 5pp. 52762-049-52762-053.

9003060046 Order. \* Grants NRC 900227 motion for extension of filing deadline until 900319 & enlargement of page limit to 160 pages for brief in response to appeals from LBP-89-32. Certificate of Svc encl. Served on 900301.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 9994. 90/02/28. Office of the General Counsel (Post 860701). 5pp. 52762-054-52762-058.

9003160070 Emergency motion of intervenors to reopen record, for summary disposition re need for sheltering in certain circumstances & for license revocation. \* Mail change supports reopening of record. Certificate of Svc encl.  
BROCK, M.T. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. BACKUS, R.A. Seacoast Anti-Pollution League. #190 9998. 90/02/28. Atomic Safety and Licensing Appeal Panel. 19pp. 52943-070-52943-089.

9003160111 Memorandum & order. \* NRR may issue license authorized by Licensing Board in LBP-89-32 on schedule consistent w/ provisions for housekeeping stay. Certificate of Svc encl. Served on 900301.  
CHILK, S.J. Office of the Secretary of the Commission. #190 9997. 90/03/01. Office of Nuclear Reactor Regulation, Director (Post 870411). 69pp. 52943-001-52943-069.

9003160124 Order. \* Reopening motions of intervenors did 900206 & 28 referred to Licensing Board for consideration & disposition. Certificate of Svc encl. Served on 900302.  
HAGINS, E.E. Atomic Safety and Licensing Appeal Panel. #190 10002. 90/03/01. 6pp. 52944-008-52944-013.

9003160131 Memorandum & order. \* Licensing Board acted correctly in excluding proffered testimony as atty general testimony was admissible neither for purpose mentioned by Appeal Board nor for any other. W/Certificate of Svc Served on 900301.  
CHILK, S.J. Office of the Secretary of the Commission. #190 9996. 90/03/01. 36pp. 52943-218-52943-253.

9003160076 Advises that undersigned will argue case for applicants in oral argument to be held on 900327 re low power testing.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 10010. 90/03/02. TOMPKINS, B.A. Commissioners. 1p. 52943-097-52943-097.

9003160062 NRC Staff brief in opposition to intervenors appeal of LBP-89-38. \* LBP-89-38 should be affirmed due to intervenors argument that decision wrongly issued having no basis W/ Certificate of Svc.  
CLARK, L.B. Assistant General Counsel for Hearings & Enforcement. #190 10018. 90/03/05. Atomic Safety and Licensing Appeal Panel. 35pp. 52944-227-52944-261.

9003190027 Advises that undersigned will represent Commonwealth of MA atty general in oral argument scheduled for 900327 re plant.  
TRAFICANTE, J. Massachusetts, Commonwealth of. #190 10031. 90/03/05. TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. 1p. 52970-291-52970-291.

9003190056 On appeal from decision of Board LBP-89-32 (901109). \* All Board decisions on appeal should be affirmed on basis that no error committed re threshold requirements of 10CFR50.47(c)(1). W/Certificate of Svc.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 10048. 90/03/05. Atomic Safety and Licensing Appeal Panel. 149pp. 52970-070-52970-218.

9003190012 Commonwealth of MA atty general advice to Commission. \* Commission noted major typo in Decision CLJ-90-03 re state funding for decommissioning. State has 4.3 not 43 million available for decommissioning. Certificate of Svc encl.  
TRAFICANTE, J. Massachusetts, Commonwealth of. #190 10026. 90/03/06. Commissioners. 5pp. 52970-325-52970-329.

9003160142 Intervenor's supplemental motion addressing ASLAB jurisdiction to consider motion to reopen record & admit late-filed contention re defective Rosemount transmitters. \* Svc list encl.  
CURRAN, D. Massachusetts, Commonwealth of. CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Seacoast Anti-Pollution League. #190 10022. 90/03/07. Atomic Safety and Licensing Appeal Panel. 10pp. 52943-348-52943-357.

9003190013 Advises that RG Bachmann will present oral argument for NRC Staff on appeals from LBP-89-28 on 900327.  
BACHMANN, R.G. Assistant General Counsel for Hearings & Enforcement. #190 10033 90/03/07. TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. 1p 52970 324-52970 324.

9003220104 Notice of withdrawal \* Withdraws author appearance in proceeding Certificate of Svc encl.  
PARKER, W.L. Public Service Co. of New Hampshire PARKER, W.L. Ropes & Gray. #190 10061 90/03/07 3pp 53029 063-53029 085

9003230017 Applicant answer to emergency motion of intervenors to reopen record for summary disposition as to need for sheltering in certain circumstances & for license revocation. \* Motion should be denied W/Certificate of Svc.  
DIGNAN, T.G. Public Service Co. of New Hampshire DIGNAN, T.G. Ropes & Gray. #190 10092 90/03/12. Atomic Safety and Licensing Appeal Panel. 12pp 53052 065-53052 076

9003220153 Order \* Extends time within which Commission may review ASLB Decision ALAB-924 until 900413 W/Certificate of Svc Served on 900313 Re served on 900314.  
CHILKS, S.J. Office of the Secretary of the Commission. #190 10068 90/03/13 Commissioners. 7pp 53029 069-53029 075

9003220160 Ltr from EF Armstrong \* Requests that encl EF Armstrong ltr urging Commission to authorize issuance of full power license for facility be served on parties in proceeding Certificate of Svc encl Served on 900314.  
GRAY, J. Commissioners. #190 10073 90/03/13. CHILKS, S.J. Office of the Secretary of the Commission. 5pp 53029 088-53029 090

9003230095 Applicant answer to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters \* Motion considered untimely, fails criteria of 10CFR2.734 & should be denied.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 10103 90/03/13. Atomic Safety and Licensing Appeal Panel. 7pp 53051 121-53051 179

9003220178 Applicant response to intervenors emergency motion for extension of stay of full power operation. \* Motion should be denied on basis of hearsay & out of context nature of basis for filing W/Certificate of Svc.  
DIGNAN, T.G. Public Service Co. of New Hampshire. DIGNAN, T.G. Ropes & Gray. #190 10075 90/03/14. Commissioners. 7pp 53029 097-53029 103

9003220184 Emergency petition for extension of stay. \* Forwards intervenors emergency motion for extension of stay of full power operation based on recent, previously undisclosed repts of regulatory noncompliance at plant.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Seacoast Anti-Pollution League. CURRAN, D. Massachusetts, Commonwealth of. #190 10076 90/03/14. CARR, K.M., ROBERTS, T.M., ROGERS, K.C. Commissioners. 2pp 53029 104-53029 133

9003220187 Intervenors emergency motion for extension of stay of full power operation \* Add time should be provided to consider newly discovered documents which implicate validity of NRC finding that plant complies w/regulations Svc list encl.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Seacoast Anti-Pollution League. CURRAN, D. Massachusetts, Commonwealth of. 90/03/14. Commissioners. 28pp 53029 106-53029 133

9003230043 NRC Staff response in opposition to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters \* Motion fails to satisfy late-filed contentions criteria of 10CFR2.734 & should be denied.  
BARTH, C.A. Assistant General Counsel for Hearings & Enforcement. #190 10098 90/03/14. Atomic Safety and Licensing Appeal Panel. 12pp 53052 077-53052 151

9003230051 Affidavit of J.L. Mauck Rosemount transmitters at Seabrook \* Advises that NRC has concluded that licensee in compliance w/GDC 21 of 10CFR50, App A & 10CFR50.55a(h) which requires that protection sys meet IEEE-279 Certificate of Svc encl.  
MAUCK, J.L. Office of the General Counsel (Post 860701). MAUCK, J.L. Instrumentation & Control Systems Branch. 90/03/14. 62pp 53052 090-53052 151.

9003220198 NRC Staff motion for extension of time to respond to "emergency motion of intervenors to reopen record, for summary disposition as to need for sheltering in certain circumstances & for license..." W/Certificate of Svc.  
BARTH, C.A. Assistant General Counsel for Hearings & Enforcement. #190 10079 90/03/15. Atomic Safety and Licensing Board Panel. 5pp 53029 005-53029 009

9003230011 Order \* Denies intervenors 900314 emergency motion for extension of stay of full power operation due to motion failing to address stay factors in 10CFR 2.788 W/Certificate of Svc Served on 900315.  
CHILKS, S.J. Office of the Secretary of the Commission. #190 10091 90/03/15. New England Coalition on Nuclear Pollution. 5pp 53052 060-53052 064.

9003230035 Emergency petition for extension of stay. \* Forwards notarized copy of RD Pollard affidavit supporting emergency petition for extension of stay filed on 900314.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Seacoast Anti-Pollution League. CURRAN, D. Massachusetts, Commonwealth of. #190 10097 90/03/15. CARR, K.M., ROBERTS, T.M., ROGERS, K.C. Commissioners. 1p 53052 303-53052 305.

9003230038 Affidavit of RD Pollard \* Advises that deficiencies cited in INPO & other repts demonstrate no basis for finding that reactor complies w/NRC regulations or can be operated safely.  
POLLARD, R.D. Union of Concerned Scientists. 90/03/15. 2pp 53052 304-53052 305.

9003230145 NRC Staff motion for extension of time to respond to "emergency motion of intervenors to reopen record, for summary disposition as to need for..." W/Certificate of Svc Served on 900320. Granted for ASLB on 900319.  
\* Assistant General Counsel for Hearings & Enforcement. #190 10107 90/03/15. Atomic Safety and Licensing Board Panel. 4pp 53052 306-53052 310.

9003230112 NRC Staff motion for 2-day extension of time to brief on appeal of LBP-89-32 & LBP-89-17. \* Requests extension until 900321 due to large amount of work in connection w/facility. Certificate of Svc encl.  
REISE, J. Assistant General Counsel for Hearings & Enforcement. #190 10104 90/03/16. Atomic Safety and Licensing Board Panel. 5pp 53052 051-53052 055.

9003230128 NRC Staff motion for 2-day extension of time to respond to brief on appeal of LBP-89-32 & LBP-89-17. \* Certificate of Svc encl Served on 900319. Granted for ASLB on 900319.

\* Assistant General Counsel for Hearings & Enforcement. #190 10105 90/03/16. Atomic Safety and Licensing Board Panel. 4pp 53052 056-53052 059

9003280230 On appeal from decision of Board LBP-90-01 (900108) \* Decision should be affirmed on basis that Board did not err in rulings on Commonweal of MA motions or holding that motions deemed untimely W/related info & Certificate of Svc.  
TROUT, J.P. Public Service Co. of New Hampshire TROUT, J.P. Ropes & Gray. #190 10135 90/03/20. Atomic Safety and Licensing Appeal Panel. 48pp 53124 114-53124 114.

9003230208 NRC Staff brief in response to intervenor appeals from LBP-89-32 & LBP-89-17. \* Decisions should be affirmed due to ASLB using proper application of criteria in admission of emergency planning contentions W/Certificate of Svc.  
YOUNG, M.A. Assistant General Counsel for Hearings & Enforcement. #190 10122 90/03/21. Atomic Safety and Licensing Appeal Panel. 151pp 53052 152-53052 152

9003280050 Order \* Advises that oral argument on appeals of intervenors from Board Decisions in LBP-89-32, LBP-89-17 & LBP-90-01 & related rulings will be heard on 900418 in Bethesda, MD. Certificate of Svc encl Served on 900322.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 10126 90/03/21. Office of the General Counsel (Post 860701). 5pp 53124 135-53124 139

9003300130 Notice of oral argument. \* Argument on appeals of intervenors from Board Decisions in LBP-89-32, LBP-89-17 & LBP-90-01 will be heard on 900418 in Bethesda, MD. W/Certificate of Svc Served on 900328.  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #190 10148 90/03/21. 4pp 53155 121-53155 124

## I. Financial Information

9003090224 Requests withdrawal of Chapter 11 Bankruptcy Claim 68376/034449  
900218. Motion & forwards claim withdrawal form.  
PECK, S.M. Public Service Co. of New Hampshire. 90/02/16. TREMPER, L. Office of the Controller (Post 890205). 7pp 52967 032-52967 038

## Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Reactor Core 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/22. Consolidated Edison Co. of New York, Inc. 93pp 52776 262-52776 360

9002230293 NRC Info Notice 90-011, "Main Deficiency Associated W/ Sealed Operator Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/22. Consolidated Edison Co. of New York, Inc. 93pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/22. Consolidated Edison Co. of New York, Inc. 98pp 52844 001-52844 099

9003050051 Seabrook readiness for operation. \* Urges Commission to require applicant to identify & replace potentially defective Rosemount transmitters before commencement of full power operation, per recent NRC insp.  
CURRAN, D. New England Coalition on Nuclear Pollution. CURRAN, D. Harmon, Curtis & Toussay. #190 9998 90/02/28. CARR, K.M., CURTISS, J.R. Commissioners. 2pp 52730 267-52730 317

9003050068 Affidavit of GC Minor re rev of Rosemount transmitters at Seabrook \* Discusses potential safety impact of Rosemount transmitter problems & need for changing faulty transmitters before plant proceeds w/power ascension & operation.  
MINOR, G.C. MHB Technical Associates. 90/02/26. 38pp 52730 280-52730 317

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safety-related Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 93pp 52844 100-52844 109

9002280061 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Waste." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870725). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp 52997 001-52997 094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Participation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870725). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp 52997 095-52997 183

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rules." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp 52997 268-52997 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/01. Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp 52983 096-52983 199

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl. POSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52964-048.

9003230095 Applicant answer to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters. \* Motion considered untimely, fails criteria of 10CFR2.734 & should be denied. O'NAN,T.G. Public Service Co. of New Hampshire. #190 10103 90/03/13 Atomic Safety and Licensing Appeal Panel. 7pp. 53051-121-53051-179.

9003230098 Affidavit of BE Beuchel. \* Addresses intervenors allegations & whether significant safety issue present re Rosemount transmitters. Supporting info, including Beuchel prof qualifications & Certificate of Svc encl. BEUCH-EL,B.E. Yankee Atomic Electric Co. 90/03/13. 52pp. 53051-128-53051-179

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. POSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

9003230043 NRC Staff response in opposition to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters. \* Motion fails to satisfy late-filed contentions criteria of 10CFR2.734 & should be denied. BARTH,CA Assistant General Counsel for Hearings & Enforcement. #190 10098 90/03/14. Atomic Safety and Licensing Appeal Panel. 12pp. 53052-077-53052-161.

9003230051 Affidavit of JL Mauck: Rosemount transmitters at Seabrook. \* Advises that NRC has concluded that licensee in compliance w/GDC 21 of 10CFR50, App A & 10CFR50.55a(h) which requires that protection sys meet IEEE-279 Certificate of Svc encl. MAUCK,J.L. Office of the General Counsel (Post 880701). 90/03/14. 82pp. 53052-090-53052-151.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. POSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.

9003160224 NRC Info Notice 90-020, "Personal Injuries Resulting From Improper Operation of Redwaste Incinerators." Svc list encl. CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870728). 90/03/22. Consolidated Edison Co. of New York, Inc. 81pp. 53166-057-53166-147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. POSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. POSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

#### U. Congressional/Executive Correspondence

9002220182 Responds to 900108 request that NRC withhold decision on licensing facility until concerns raised in Quality Technology Co rept re Employee Legal Project investigated. NRC continuing to evaluate rept & until 900128 response. CARR,K.M. Commissioners. 90/02/07. MARKEY,E.J. House of Rep. KENNEDY,E.M., KERRY,J.F. Senate. 4pp. 52785-242-52785-247.

9003070277 Responds to 900209 ltr re safe operation of facility & NRC process for determining whether to issue full power license for plant. Commission assures protection of public health & safety as first & primary consideration. CARR,K.M. Commissioners. 90/02/28. HUMPHREY,G.J. Senate. 1p. 52991-293-52991-295.

9003070282 Urges Commission not to make decision re full power license for facility w/o personally reviewing safety-related allegations raised in recent wks. Commission orders found inconsistent w/responsibilities re public health & safety. HUMPHREY,G.J. Senate. 90/02/08. CARR,K.M. Commissioners. 5pp. 53059-163-53059-167.

#### DOCKET 50-445 COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1

##### A. Application/construction stage documents & correspondence

9002230054 Advises that EPA has no objection to Commission decision that further needs to plant not warranted, based on review of final suppl to FES. THOMAS,N. Environmental Protection Agency. 90/02/05. GRIMES,C.I. Comanche Peak Project Division (890101-900602). 1p. 52715-064-52715-064.

9003220010 Requests Commission to postpone issuance of fuel load permission & low power license for plant per 10CFR2.206. Plant remains indeterminate & margin of safety reduced. Supporting info encl. ELLIS,J. GARDE,B.P. Citizens Association for Sound Energy. #190 9803. 90/02/08. CARR,K., ROBERTS,T., ROGERS,K. Commissioners. 312pp. 53057-033-53057-344.

##### E. NRC Safety Evaluation Report (SER), supple & correspondence

9003070163 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF COMANCHE PEAK STEAM ELECTRIC STATION, UNITS 1 AND 2. Docket Nos. 50-445 And 50-446. (Texas Utilities Electric Company, et al.) \* Comanche Peak Project Division (890101-900602). NUREG-0797 S22. 90/01/31. 389pp. 52814-220-52815-228.

9003070170 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF COMANCHE PEAK STEAM ELECTRIC STATION, UNITS 1 AND 2. Docket Nos. 50-445 And 50-446. (Texas Utilities Electric Company, et al.) \* Comanche Peak Project Division (890101-900602). NUREG-0797 S23. 90/02/28 102pp. 52808-299-52809-040.

##### F. Security, medical, emergency & fire protection plans

9002280446 Forwards FEMA rept of full-participation exercise conducted on 890725-26 at facility for info. GRIMES,C.I. Comanche Peak Project Division (890101-900602). 90/02/14. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 4pp. 52721-188-52721-244.

9002280207 Forwards Insp Repts 50-445/90-01 & 50-446/90-01 on 900108-17. No violations or deviations noted. Unit preoperational audit considered shallow & ineffective in uncovering security program weaknesses. WARNICK,R.F. Region 4, Ofc of the Director. 90/02/16. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 3pp. 52760-134-52760-149.

9002280208 Insp Repts 50-445/90-01 & 50-446/90-01 on 900108-17. No violations or deviations noted. Major areas inspected: security plan & implementing procedures, mgmt effectiveness, security program audits & records & repts. CALDWELL,R.A., EARNEST,A.B., POWERS,D.A. Region 4, Ofc of the Director. 90/02/07 13pp. 52760-137-52760-149.

9003020101 Forwards corrected FEMA 891215 rept of full-participation exercise conducted on 890725-26 at plant. Due to administrative oversight, two-sided rept reproduced as one-sided. GRIMES,C.I. Comanche Peak Project Division (890101-900602). 90/02/23. NRC - No Detailed Affiliation Given. 1p. 52799-001-52799-003.

9003060039 Forwards Insp Repts 50-445/90-04 & 50-446/90-04 on 900116-18. No violations or deviations noted. Twenty-one open significant appraisal findings closed during insp. WARNICK,R.F. Assistant Director for Inspection Programs. 90/02/26. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 3pp. 52835-235-52835-247.

9003060040 Insp Repts 50-445/90-04 & 50-446/90-04 on 900116-18. No violations or deviations noted. Major areas inspected: emergency preparedness program to determine status of licensee actions in response to NRC 890605-09 appraisal. SPITZBERG,D.B., POWERS,D.A. Region 4, Ofc of the Director. 90/02/24. 10pp. 52835-238-52835-247.

9003050274 Forwards documents re anonymous 891004 memo to Chairman re SALP process (DPO). SMITH,H. Planning, Program & Management Support Branch (Post 870411). 90/02/28. LANHAM,D. Document Control Branch (Document Control Desk). 8pp. 52834-215.

9002140043 Recommends that security section of SALP rept be changed to better reflect impact of that lack of completion of const had on rating but that rating of "2" for security stand. CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001). 89/11/03. MIRAGLIA,F.J. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 52833-259-52833-263.

9002140047 Comments on plant SALP board findings re differing prof opinion per 891010 request. Applicant should have received Category 1 SALP rating in security program. CALDWELL,R.A. Region 4, Ofc of the Director. 89/10/20. CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001). 3pp. 52833-265-52833-267.

9002140063 Comments on plant draft SALP rept. Author believes that SALP rept accurately describes performance of plant staff & conclusions of NRC insp staff as documented in SALP input. Plant should be SALP 1 in security. EVERETT,R.J. Region 4, Ofc of the Director. 89/10/25. CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001). 1p. 52833-279-52833-279.

9002140169 Advises that during 891026 telcon, M Good had no comments on contents of SALP rept & stated that rept accurately reflected Good opinion re status of unit emergency preparedness. CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001). 89/12/07. Assistant Director for Special Projects (Post 891001). 1p. 52833-305-52833-305.

9003120656 Responds to Generic Ltr 90-01, "Voluntary Participation in NRC Regulatory Impact Survey." Completed questionnaire sheets re NRC Team insps, NRC Ofc of Special Projects insps, NRC Resident Inspector insps & fire protection insps encl. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 90/03/01. Document Control Branch (Document Control Desk). 12pp. 52971-159-52971-170.

##### H. General correspondence

9003140393 Advises that completion date for actions re denial of 900208 request per 10CFR2.206 for delay in issuance of license, extended until 900327. CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101-900602). 90/03/02. ELLIS,J. Citizens Association for Sound Energy. 2pp. 53019-356-53019-357.

##### J. Insurance & indemnity information

9002280132 Forwards License NPF-28, environ protection plan, antitrust conditions, FR notice of issuance & Amend 7 to Indemnity Agreement B-96. GRIMES,C.I. Comanche Peak Project Division (890101-900602). 90/02/08. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.). 5pp. 52761-217-52761-255.

9002280194 Notice of Issuance of License NPF-28, authorizing operation at reactor core power levels not in excess of 170 MW. Amend 7 to Indemnity Agreement B-96 encl. GRIMES,C.I. Comanche Peak Project Division (890101-900602). 90/02/08. 5pp. 52761-251-52761-255.

##### M. Antitrust correspondence

9003050169 Responds to 891217 tr re status of Cap Rock Electric Co 890512 request for order enforcing & modifying antitrust license conditions attached to plants Settlement meeting between Cap Rock & util sched 9/9 for 900226 TAYLOR,J.M. Ofc of the Executive Director for Operations 90/02/22 GRAMM,P. Serials 12pp. 52635-047-52635-058

#### O. Advisory Committee on Reactor Safeguards reports & correspondence

8910060042 Summarizes 351st ACRS meeting on 890713-14 ACRS decided to review proposed power increase for Indian Point Unit 2 & not to review proposed amendments to 10CFR21 Future agenda items listed. REMICK,F.J. ACRS - Advisory Committee on Reactor Safeguards 89/08/07 CARP,K.M. Commissioners. 3pp. 52816-009-52816-011.

#### P. Operating license stage documents & correspondence

9002280132 Forwards License NPF-28, environ protection plan, antitrust conditions, FR notice of issuance & Amend 7 to Indemnity Agreement B-96. GRIMES,C.I. Comanche Peak Project Division (890101-900602) 90/02/08 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 5pp. 52761-217-52761-255

-9002280135 License NPF-28 authorizing operation at up to 5% of full power. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/19 5pp. 52761-222-52761-227

-9002280137 Environ Protection Plan (Nonradiological). GRIMES,C.I. NRC - No Detailed Affiliation Given 90/02/08 23pp. 52761-228-52761-250

-9002280194 Notice of issuance of License NPF-28 authorizing operation at reactor core power levels not in excess of 170 MWt/Amend 7 to Indemnity Agreement B-96 encl. GRIMES,C.I. Comanche Peak Project Division (890101-900602) 90/02/08 5pp. 52761-251-52761-255

9002220648 Advises of completion of implementation of requirements of Generic Ltr 88-14, instrument Air Supply Sys Problems Affecting Safety-Related Equipment. List of commitments based on Generic Ltr 88-14 encl. CAHILL,W.J. WALKER,R.D. TU Electric (formerly Texas Utilities Generating Co.) 90/02/09 Document Control Branch (Document Control Desk) 3pp. 52700-284-52700-286

9003010007 Responds to request for addl info re scaling calculations manual Design Basis Document DRD-EE-032 canceled w/o compromise to individual scaling calculations. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/02/19. Document Control Branch (Document Control Desk) 2pp. 52791-143-52791-144

9003120783 TECHNICAL SPECIFICATIONS, COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1. Docket No. 50-445, Appendix "A" To License No. NPF-28. Comanche Peak Project Division (890101-900602). NUREG-1381 90/02/28 354pp. 52883-015-52884-008.

9003070016 Notification of 900305 meeting w/utl in Rockville, MD to discuss power requirements for ASCO solenoid-operated valves associated w/MSIV operation. FIELDS,M. Comanche Peak Project Division (890101-900602) 90/03/01. GRIMES,C.I. Comanche Peak Project Division (890101-900602) 3pp. 52890-037-52890-040

9003120656 Responds to Generic Ltr 90-01, "Voluntary Participation in NRC Regulatory Impact Survey." Completed questionnaire sheets re NRC Team insps, NRC Ofc of Special Projects insps, NRC Resident Inspector insps & fire protection insps encl. CAHILL,W.J. WALKER,R.D. TU Electric (formerly Texas Utilities Generating Co.) 90/03/01. Document Control Branch (Document Control Desk) 12pp. 52971-159-52971-170.

9003140045 Notification of 900321 meeting w/utl in Arlington, TX for presentation of background info re Comanche Peak Response Team, CYGNA, independent assessment plan & corrective action plan. WILSON,J.H. Assistant Director for Projects. 90/03/09 GRIMES,C.I. Comanche Peak Project Division (890101-900602). 3pp. 53018-068-53018-070

9003210305 Requests NRC allocate resources to perform topical reviews on schedule to support licensing plans for reload analyses. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/15. Document Control Branch (Document Control Desk). 4pp. 53104-245-53104-248

9003230149 Provides info re scheduled completion of fuel pooling cooling & cleanup sys & sampling sys testing. Vibration testing of spent fuel pool piping being deferred until prior to first off loading of spent fuel. CAHILL,W.J. CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/16. Document Control Branch (Document Control Desk). 2pp. 53174-211-53174-212.

9003260311 Advises that allegations provided to NRC by former utl employee unsubstantiated based on investigation by utl SAFETeam organization. CAHILL,W.J. WALKER,R.D. TU Electric (formerly Texas Utilities Generating Co.) 90/03/19. Document Control Branch (Document Control Desk). 1p. 53148-162-53148-162.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 88-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Sys list encl. PARTLOW,J.G. Associate Director for Projects (Post 870411) 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-069.

#### Q. Inspection reports, IE Bulletins & correspondence

9003280111 FOIA request for documents & records relevant to & generated in connection w/insp Repts 50-445/89-05 & 50-446/89-05 on 900131 re Therm-a-Lag issues GARDE,B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde 90/02/05. GRIMSLEY,D. NRC - No Detailed Affiliation Given. 3pp. 53142-307-53142-309.

9002280285 Documents concerns requiring resolution before plant operation & requires continuing mgmt attention identified during exit meeting re utl. operational insps for Insp Repts 50-445/89-57 & 50-446/89-57. AINAS,G.C. Division of Reactor Inspection & Safeguards (Post 870411) 90/02/27 CRUTCHFIELD,D. Associate Director for Special Projects (Post 890101-900602) 4pp. 52777-004-52777-307

9002270252 Ack receipt of 900207 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-445/89-86 & 50-446/89-86 Implementation of corrective actions will be reviewed during future insp. WARNICK,R.F. Assistant Director for Inspection Programs 90/02/14 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp. 52756-176-52756-181

9002270448 Forward Insp Repts 50-445/90-03 & 50-446/90-03 on 90010205 & notice of violation. WARNICK,R.F. Assistant Director for Inspection Programs 90/02/16 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp. 52944-283-52944-285

-9002270449 Notice of violation from insp on 900103-0205 Violation noted emergency condition 16345/6 CS(B)-058, "Svc Water Intake Structure-Exterior Wall Design." Not adequately corrected. WARNICK,R.F. Assistant Director for Inspection Programs 90/02/15 4pp. 52944-284-52944-289

-9002270451 Insp Repts 50-445/90-03 & 50-446/90-03 on 900103-0205 Violations noted Major areas inspected actions on previous insps findings to be up on actions & action on 10CFR50.55(e) deficiencies identified by ACRS encl. LATTAR,M. RUNYAN,M.F. LIVERMORE,H.H. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/16 5pp. 52944-280-52944-285

9002280207 Forward Insp Repts 50-445/90-01 & 50-446/90-01 on 900108-17 No violations or deviations noted Utl preoperational audit considered show & tell type corrective security program weaknesses. WARNICK,R.F. Region 4, Ofc of the Director 90/02/16 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 3pp. 52760-134-52760-149

-9002280208 Insp Repts 50-445/90-01 & 50-446/90-01 on 900108-17 No violations or deviations noted Major areas inspected, security plan & implementing procedures, effectiveness, security program audits & records & rcpls. CAHILL,W.J. LARSEN,A.B. POWERS,D.A. Region 4, Ofc of the Director 90/02/17 13pp. 52760-137-52760-149

9003070207 Forward Insp Repts 50-445/90-02 & 50-446/90-02 on 900103-0205 violations or deviations noted. WARNICK,R.F. Assistant Director for Inspection Programs 90/02/22 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp. 52853-249-52853-285

-9003070211 Insp Repts 50-445/90-02 & 50-446/90-02 on 900103-0206 No violations or deviations noted Major areas inspected. Unannounced resident safety inspection action on previous insp findings. BILDER,S.D. VICKREY,H.B. JOHNSON,W.D. Region 4, Ofc of the Director 90/02/22 33pp. 52853-253-52853-285

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Control Rods." Sys list encl. ROSSICE, Division of Operational Events Assessment (Post 870411) 90/02/02 Consolidated Edison Co. of New York, Inc. 98pp. 52776-282-52776-286

9003060039 Forward Insp Repts 50-445/90-04 & 50-446/90-04 on 900116-18 No violations or deviations noted Twenty-one open significant appraisal findings closed during insp. WARNICK,R.F. Assistant Director for Inspection Programs 90/02/26 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 3pp. 52835-235-52835-247

-9003060040 Insp Repts 50-445/90-04 & 50-446/90-04 on 900116-18 No violations or deviations noted Major areas inspected, emergency preparedness program to determine status of licensee actions in response to NRC 890605-09 appraisal. SPITZER,B.G. POWERS,D.A. Region 4, Ofc of the Director 90/02/24 13pp. 52835-238-52835-247

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid-Operated Valves." Sys list encl. ROSSICE, Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 98pp. 52776-163-52776-261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Sys list encl. ROSSICE, Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 98pp. 52844-001-52844-089

9003050274 Forward documents re anonymous 891004 memo to Chairman re SALP process (DPO). SMITH,H. Planning, Program & Management Support Branch (Post 870411) 90/02/28 LANHAM,D. Document Control Branch (Document Control Desk) 8pp. 52633-145-52633-215

-8912140325 Responds to 891120 ltr re concerns w/utl SALP process & regulatory process associated w/utl licensing decision. Panel established to review issues & make recommendations. TAYLOR,J.M. Ofc of the Executive Director for Operations 89/12/08 GARDE,B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde 2pp. 52833-346-52833-307

-8912140328 Discusses concerns re integrity of regulatory process as affecting past GARDE,B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde 90/01/20. TAYLOR,J.M. Ofc of the Executive Director for Operations 38pp. 52834-074-52834-074

-9002130259 Discusses differing prof opinion re unsigned anonymous memo dated 891004 re fuel load readiness & SALP rept & concludes that regulatory matters raised in ltr adequately addressed.

MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/01. TAYLOR,J.M. Ofc of the Executive Director for Operations 2pp. 52834-213-52834-214

002140016 Summarizes activities completed by differing prof opinion (DPO) review panel & provides recommendations re anonymous DPO on plant. MIRAGLIA, F.J. NRC - No Detailed Affiliation Given. 8/9/01/30. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 52834 055-52834 081.

002140032 Requests that recipient conduct independent review of difference between draft & final insp & SALP repts. Guidelines for conduct of review listed. SNIJEZEK, J.H. Office of Nuclear Reactor Regulation, Director (Post 870411). 8/9/11/12. TRAVERS, W.D. Assistant Director for Special Projects (Post 891001). 2pp. 52834 075-52834 076.

002140039 Submits rept on assignment to conduct independent review of differences between certain draft & final insp & SALP repts to determine issues that differ between repts & to recommend appropriate mechanism for resolving differences. TRAVERS, W.D. Assistant Director for Special Projects (Post 891001). 8/9/12/20. SNIJEZEK, J.H. Office of Nuclear Reactor Regulation, Director (Post 870411). 74pp. 2934 077-52834 150.

002140041 Requests that persons involved in insp activities for plant review and initial SALP rept & submit comments on board findings within 15 days from memo date. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 8/9/10/10. IRC - No Detailed Affiliation Given. 2pp. 52834 151-52834 209.

002140043 Recommends that security section of SALP rept be changed to better reflect impact of that lack of completion of const had on rating but that rating of "2" for security stand. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 8/9/11/03. MIRAGLIA, F.J. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 2833 259-52833 263.

002140046 Advises of no substantial difference between original SALP input & SALP rept on Texas Ute's performance. SALP rept honestly & accurately describes safety factor sacrificed by author for plant SALP. ERIC, N.H. Region 4, Ofc of the Director. 8/9/10/17. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p. 52833 264-52833 264.

002140047 Comments on plant SALP board findings re differing prof opinion per 891010 request. Applicant should have received Category 1 SALP rating in security program. ALDWELL, R.A. Region 4, Ofc of the Director. 8/9/10/20. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 3pp. 52833 265-52833 267.

002140050 Responds to 891010 request to review initial SALP rept & comment on ALP board findings. Author agrees w/insp insps as input for functional areas as included in SALP rept. ORKIN, D.P. Comanche Peak Project Division (890101-900602). 8/9/10/23. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p. 2833 268-52833 268.

002140053 Responds to 891010 request for comments on plant SALP process. Words of SALP rept, Section H, consistent w/author limited knowledge & exposure to plant current status. CHULTZ, D.H. Comex Corp. 8/9/10/17. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p. 52833 269-52833 269.

002140054 Confirms 891023 telcon re info that should be considered for inclusion in initial SALP rept. Recommendations that board consider adding statement on Page 16 of all rect re concerns w/ applicant QA involvement in review of ERGs being developed. MIRAGLIA, F.J. Region 4, Ofc of the Director. 8/9/10/25. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 4pp. 52833 270-52833 273.

002140056 Comments on SALP & differing prof opinion. Process used in preparing ALP rept & in conducting SALP board meeting & measures established to identify any deficiencies of unacceptable applicant performance also discussed. JARVICK, R.F. Assistant Director for Inspection Programs. 8/9/10/25. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 3pp. 2833 274-52833 276.

002140058 Comments on plant draft SALP rept. SALP rept accurately describes performance of plant staff & conclusions of NRC insp staff as documented. No significant issues identified. AER, R.E. Region 4, Ofc of the Director. 8/9/10/25. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p. 52833 277-52833 277.

002140060 Advises that inspector has no concern re SALP for plant. ARNEST, A.B. Region 4, Ofc of the Director. 8/9/10/25. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p. 52833 278-52833 278.

002140063 Comments on plant draft SALP rept. Author believes that SALP rept accurately describes performance of plant staff & conclusions of NRC insp staff as documented in SALP input. Plant should be SALP 1 in security. JERRETT, R.J. Region 4, Ofc of the Director. 8/9/10/25. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p. 52833 279-52833 279.

002140072 Offers no specific or general comments on SALP other than that const & engineering & technical support areas accurately reflected applicant actual performance level. CRUTCHFIELD, D. NRC - No Detailed Affiliation Given. 8/9/10/24. RUNYAN, M. NRC - No Detailed Affiliation Given. 1p. 52833 280-52833 280.

002140075 Informs of no safety-significant issues associated w/Unit 1 that have not been resolved or not being currently tracked by formal methods. JINYAN, M. NRC - No Detailed Affiliation Given. 8/9/10/20. GRIMES, C. NRC - No Detailed Affiliation Given. 1p. 52833 281-52833 281.

002140077 Comments on initial SALP rept & NRC staff differing prof opinion. Initial ALP needs further editing. TTER, S.D. NRC - No Detailed Affiliation Given. 8/9/10/20. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p. 52833 282-52833 282.

002140081 Advises of no unidentified safety-related concerns that may have bearing on licensing of Unit 1, per 891011 memo. VERMOREL, H.H. Comanche Peak Project Division (890101-900602). 8/9/10/23. GRIMES, C. Comanche Peak Project Division (890101-900602). 1p. 52833 283-52833 283.

--0002140082 Agrees w/assessment performance rating & board recommendations re initial SALP rept for plant. HOGAN, R.T. Emergency Preparedness Branch. 8/9/10/25. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p. 52833 284-52833 284.

--0002140087 Concludes that no statements or conclusions of SALP board in conflict w/ or run counter to findings resulting from insp of plant operations exist. WATERS, D.B. Presata - Beckman Associates. 8/9/10/24. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 4pp. 52833 285-52833 288.

--0002140089 Offers no comments re SALP rept, per 891010 request. ROTHBERG, O.C. Engineering Issues Branch. 8/9/10/23. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p. 52833 289-52833 289.

--0002140094 Comments on SALP rept in response to 891010 request. SALP rept is accurate rept of licensee past performance. Author confident in accuracy & outcomes of recent SALP board results & methodology used to accomplish goal. BURRIS, S.P. Assistant Director for Special Projects (Post 891001). 8/9/10/24. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 2pp. 52833 290-52833 291.

--0002140096 Responds to comments made in unsigned memo re SALP rept. Comments re SALP board members totally unwarranted/unfounded & w/o substantiation from any quarter. BURRIS, S.P. Assistant Director for Special Projects (Post 891001). 8/9/10/26. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 2pp. 52833 292-52833 293.

--0002140099 Forwards chart in response to Part 1 of 891116 memo re differing prof opinion on plant. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 8/9/12/06. MIRAGLIA, F.J. Comanche Peak Project Division (890101-900602). 3pp. 52833 294-52833 296.

--0002140101 Advises of no Unit 1 concerns not being tracked by insp repts or other public records, per 891011 request. Comments re SALP process listed. RICHINS, W.D. Comanche Peak Project Division (890101-900602). 8/9/10/24. GRIMES, C. Comanche Peak Project Division (890101-900602). 2pp. 52833 302-52833 303.

--0002140104 Informs that during 891012 telcon, P. Wagner informed of no comments on 891010 memo re NRC differing prof opinion on plant. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 8/9/12/07. Assistant Director for Special Projects (Post 891001). 1p. 52833 304-52833 304.

--0002140109 Forwards chart providing status of contacts to be made re differing prof opinion on plant. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 8/9/12/20. MIRAGLIA, F.J. Comanche Peak Project Division (890101-900602). 3pp. 52834 024-52834 025.

--0002140161 Responds to request that personnel involved in licensing activities for Unit 1 provide written response of any unidentified safety concerns. No unidentified concerns provided. BIRMINGHAM, J.L. NRC - No Detailed Affiliation Given. 8/9/10/23. GRIMES, C. Comanche Peak Project Division (890101-900602). 3pp. 52833 308-52833 309.

--0002140163 Offers no specific nuclear safety-related concerns re electrical hardware or installation, but generally agrees w/ licensing activity concerns expressed in 891004 anonymous ltr. TAYLOR, J.D. NRC - No Detailed Affiliation Given. 8/9/10/23. GRIMES, C. NRC - No Detailed Affiliation Given. 1p. 52833 301-52833 301.

--0002140169 Advises that during 891026 telcon, M. Good had no comments on contents of SALP rept & stated that rept accurately reflected Good opinion re status of unit emergency preparedness. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 8/9/12/07. Assistant Director for Special Projects (Post 891001). 1p. 52833 305-52833 305.

--0003050276 Provides input re systematic analysis of licensee performance in narrative form. PHILLIPS, H.S. Assistant Director for Inspection Programs. 8/9/07/31. WARNICK, R.F. Assistant Director for Inspection Programs. 8pp. 52833 157-52833 164.

--0003050277 Informs that info presented during enforcement conference re SWS coating removal conference & subsequent response to Enforcement Action EA-88-310 is accurate & complete. PHILLIPS, H.S. Assistant Director for Inspection Programs. 8/9/06/21. GRIMES, C. Comanche Peak Project Division (890101-900602). 6pp. 52833 165-52833 257.

--0003050278 Advises that author assigned as DPO review panel in lieu of referring DPO to NRR standing review panel. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 8/9/10/10. SNIJEZEK, J.H. Office of Nuclear Reactor Regulation, Director (Post 870411). MIRAGLIA, F.J. Associate Director for Inspection & Technical Assessment (Post 870411). PARTLOW, J.G. Associate Director for Projects (Post 870411). 1p. 52833 258-52833 258.

--0003050282 Requests addl info or action per 891115 meeting, including Insp Rept 50-445/80-59 & discussion w/panel re manner in which 891010 memo will be received. MIRAGLIA, F.J. Comanche Peak Project Division (890101-900602). 8/9/11/16. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 1p. 52833 297-52833 297.

--0003050286 Provides update on progress of review of differing prof opinion concerning fuel load readiness & SALP rept. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 8/9/12/18. TAYLOR, J.M. Ofc of the Executive Director for Operations. 2pp. 52833 308-52833 309.

--0003050289 Advises that differing prof opinion panel prepared to meet w/Comanche Peak SALP board on 900104. MIRAGLIA, F.J. Comanche Peak Project Division (890101-900602). 8/9/12/27. CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602). 29pp. 52834 026-52834 054.

9003120807 Supplies response to NRC 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05  
Consolidated Edison Co. of New York, Inc. 99pp 52844 100-52844 198

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05  
Consolidated Edison Co. of New York, Inc. 99pp 52844 100-52844 198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/06  
Consolidated Edison Co. of New York, Inc. 89pp 52997 601-52997 094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07  
Consolidated Edison Co. of New York, Inc. 85pp 52997 095-52997 189

9003010293 NRC Info Notice 90-016, "Compliance With New Decommissioning Rule." Svc list encl  
BANGART, R.L. Division of Low Level Waste Management & Decommissioning (Post 870413) 90/03/07  
Consolidated Edison Co. of New York, Inc. 91pp 52997 288-52998 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07  
Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08  
Consolidated Edison Co. of New York, Inc. 104pp 52963 096-52963 199

9003150228 Forwards Operational Readiness Assessment Team Insp Repts 50-445/89-200 & 50-446/89-200 on 891016-27 & 900122-0202 & notices of violation & deviation  
CRUTCHFIELD, D. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411) 90/03/08  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp 53026 084-53026 171

9003150230 Notice of violation from insp on 900122-0202 Violations noted failure to take corrective action in response to finding by operational quality assessment team until prompted by NRC  
CRUTCHFIELD, D. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411) 90/03/08 2pp 53026 088-53026 089

9003150234 Notice of deviation from insp on 900122-0202 Deviations noted lack of written procedures for energizing & changing modes of operation for portions of distributions sys.  
CRUTCHFIELD, D. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411) 90/03/08 2pp 53026 090-53026 091

9003150238 Insp Repts 50-445/89-200 & 50-446/89-200 on 891016-27 & 900122-0202 Violations & deviations noted Major areas inspected operational readiness, facility mgmt, plant operations, maintenance & testing & technical support.  
VANDERBURGH, C. GUTHRIE, S.C., LANNING, W.D. Special Inspection Branch. 90/03/08 80pp 53026 092-53026 171

9003050043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 239

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transformers M'g by Rosomount." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 109pp 52963 300-52964 048

9003160254 Comments on SALP rept for Sept 1988 - Aug 1989 Ull concurs w/NRC assessment of level of performance for period reviewed in SALP rept.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/09 Document Control Branch (Document Control Desk) 2pp 53036 129-53036 130

9003160258 Responds to NRC 900218 ltr re violations noted in Insp Repts 50-445/80-03 & 50-446/90-03 Corrective actions personnel reminded of need to conservatively report deficiencies & to advise mgr of any questions re reportability.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/09 Document Control Branch (Document Control Desk) 4pp 53036 079-53036 082

9003200220 Forwards Insp Repts 50-445/90-06 & 50-446/90-06 on 900213-16 No violations or deviations noted.  
WARNICK, R.F. Region 4, Ofc of the Director. 90/03/12 CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp 53077 012-53077 024

9003200228 Insp Repts 50-445/90-06 & 50-446/90-06 on 900213-16 No violations or deviations noted Major areas inspected: receipt, storage & handling of emergency diesel generator fuel oil & station lubrication control program.  
JOHNSON, C.E., STETKA, T.F. Region 4, Ofc of the Director. 90/03/06 8pp 53077 016-53077 024

Consolidated Edison Co. of New York, Inc. 88pp 52997 190-52997 287

9003280301 Responds to NRC 900216 ltr re violation noted in Insp Repts 50-445/90-03 & 50-446/90-03 Corrective actions: groundwater calculations completed & engineering personnel reminded of procedural requirements.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/19 Document Control Branch (Document Control Desk) 4pp 53156 181-53156 184

9003280554 Ack receipt of 900309 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-445/90-03 & 50-446/90-03 Implementation of corrective actions will be reviewed during future insps.  
WARNICK, R.F. Assistant Director for Inspection Programs. 90/03/19 CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp 53155 313-53155 316

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel E. Bow." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 88pp 53035 129-53035 226

9003280152 Final response to FOIA request for documents App A & B records, a.k.a.: all PDR App B records and App C records withheld (ref FOIA Exemption 5 & 7).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 90/03/21 GARDE, B.P. Robinson, Robinson, Peterson, Bark, Rudy Cross & Garde 5pp 53142 302-53142 306

9003280152 Responds to 891221 ltr to NRC re thermo-lag dispute.  
PARKER, B. Robinson, Robinson, Peterson, Bark, Rudolph, Cross & Garde 30-02-24 GRIMSLEY, D.H. Comanche Peak Project Division (890101-900602) 13pp 53142 302-53142 306

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22  
Consolidated Edison Co. of New York, Inc. 81pp 53168 057-53168 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Bypass Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22  
Consolidated Edison Co. of New York, Inc. 100pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosomount Transformer Trip Units." Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 108

# R. Periodic operating reports & related correspondence

9003120663 "Summary of Personnel Monitoring Ending 891231." W/900351 ltr  
CAHILL, W.J., WALKER, R.D. TU Electric (formerly Texas Utilities Generating Co.) 89/12/31 2pp 52989 323-52989 324

9003190243 Monthly operating rept for Feb 1990 for Comanche Peak Unit 1 W/900309 ltr.  
BUSCHBAUM, D., CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/02/28 4pp 53047 331-53047 334

# S. Reportable occurrences, LERs & related correspondence

9002220398 Final Deficiency Rept CP-89-013 re potential for ASCO solenoids on MS&S to open after initial closure Initially reported on 890503 Valves included in equipment qualification program & cautionary tags placed on valves.  
WOODLAND, D.R. TU Electric (formerly Texas Utilities Generating Co.) 90/02/07 Document Control Branch (Document Control Desk) 3pp 52705 265-52705 267

9002220519 Final & Interim Deficiency Rept CP-90-001 re feedwater isolation valve (FWIV) impact testing Initially reported on 900116 Pressure & temperature variations associated w/FWIV incorporated in technical requirements manual, Rev 2.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/02/07 Document Control Branch (Document Control Desk) 3pp 52703 282-52703 284

9003130313 PNO-ADSP-89-005 on 900305 reactor tripped while pulling control rod shaft down bank for drop time testing Caused by loss of power to intermediate range actuator when inverter 1PC1 failed Operators secured Train A RHR pump.  
WIEBE, J.S., JOHNSON, W.D. Region 4, Ofc of the Director. 90/03/05 2pp 53014 357-53014 358

9003140277 Submits info re reactor trip & associated events on 900305. Evaluation being performed to identify cause of failure of inverter 1PC1 & reenergizing procedures will be reviewed & revised as necessary.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/07 Document Control Branch (Document Control Desk) 1p 53018 325-53018 325

9003220076 Final & Interim Deficiency Rept CP-90-02 re diesel generator starting at receiver tank relief valves Initially reported on 900205 Support structure on fourth relief valve modified.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/07 Document Control Branch (Document Control Desk) 2pp 53185 272-53185 273

9003150170 Special Rept 1-SR-90-001 on 900208, Train B emergency diesel generator CPI-MEDGEE-02 failed to assume design rated speed within time prescribed during valid test. Cause not determined. Corrective work order issued.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/09 MARTIN, R.D. Region 4, Ofc of the Director 8pp 53027:186-53027:183.

9003160029 LER 90-001-00 on 900209, reactor protection sys actuation occurred due to spike on range channel. Appropriate source range procedures revised to require insertion of flux doubling signal block prior to withdrawal. W/900309 Ltr  
HOOD, D.N., CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/09 9pp 53013:036-53013:044.

9003160262 Final Deficiency Rept CP-90-04 re holes in innermost containment sump screen initially reported on 900208. Broken wire strand corrected by snugly wrapping strand of stainless steel wire around broken strand.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/09 Document Control Branch (Document Control Desk). 2pp 53036:036-53036:037

9003160493 Special rept on 900312, ESF actuation signal occurred which resulted in injection of Train A safety injection & RCS pressure transient. Caused by failed blocking diode due to short. Plant restored to stabilized condition.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/13 Document Control Branch (Document Control Desk). 3pp 53037:067-53037:069.

9003200174 PNO ADSP-90-008 on 900312, inadvertent actuation of safety injection train A occurred. Caused by shorted diode in solid state protection sys which allowed train safety injection slave relays to energize. State of TX informed  
WIEBE, J.S., JOHNSON, W.D. NRC - No Detailed Affiliation Given 90/03/14. 2pp 53075:161-53075:162.

9003210219 Summary of Operating Reactors Events Meeting 90-07 on 900314. List of attendees encl  
FISCHER, D.C. Events Assessment Branch 90/03/15. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 13pp 53132:133-53132:145.

9003220185 PNO ADSP-90-007 on 900312, inadvertent actuation of Train A of safety injection occurred. Caused by failed diode in safety injection logic circuitry. Problem w/ electrical noises on nuclear instrumentation on under review.  
WIEBE, J.S., JOHNSON, W.D. Associate Director for Special Projects (Post 890101:900602). 90/03/15. 2pp 53126:070-53126:071.

## DOCKET 50-448 COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 2

### A. Application/construction stage documents & correspondence

9002230054 Advises that EPA has no objection to Commission decision that further modifications to plant not warranted, based on review of final supply to FES.  
THOMAS, N. Environmental Protection Agency 90/02/05. GRIMES, C.I. Comanche Peak Project Division (890101-900602). 1p 52715:084-52715:084.

9003220048 Requests Commission to postpone issuance of fuel load permit until & low power license for plant per 10CFR2.206. Plant remains indeterminate & margin of safety reduced. Supporting info encl  
ELLIS, J., GARDE, B.P. Citizens Association for Sound Energy. #180 9803. 90/02/08. CARR, K., ROBERTS, T., ROGERS, K. Commissioners 312pp 53057:033-53057:344.

9002220648 Advises of completion of implementation of requirements of Generic Ltr 88-14, "Instrument Air Supply Sys Problems Affecting Safety-Related Equipment." List of commitments based on Generic Ltr 88-14 encl.  
CAHILL, W.J., WALKER, R.D. TU Electric (formerly Texas Utilities Generating Co.) 90/02/08. Document Control Branch (Document Control Desk). 3pp 52700:284-52700:286.

9003070016 Notification of 900305 meeting w/utl in Rockville, MD to discuss power requirements for ASCO solenoid-operated valves associated w/MSIV operation.  
FIELDS, M. Comanche Peak Project Division (890101-900602). 90/03/01. GRIMES, C.I. Comanche Peak Project Division (890101-900602). 3pp 52690:037-52690:040.

9003120656 Responds to Generic Ltr 80-01, "Voluntary Participation in NRC Regulatory Impact Survey." Completed questionnaire sheets re NRC Team insps. NRC Ofc of Special Projects insps, NRC Resident Inspector insps & fire protection insps encl.  
CAHILL, W.J., WALKER, R.D. TU Electric (formerly Texas Utilities Generating Co.) 90/03/01. Document Control Branch (Document Control Desk). 12pp 52971:169-52971:170.

9003140046 Notification of 900321 meeting w/utl in Arlington, TX for presentation of background info re Comanche Peak Response Team, CYGNA, independent assessment plan & corrective action plan.  
WILSON, J.H. Assistant Director for Projects 90/03/09. GRIMES, C.I. Comanche Peak Project Division (890101-900602). 3pp 53018:068-53018:070.

9003210306 Requests NRC allocate resources to perform topical reviews on schedule to support licensing plans for reload analyses.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/15. Document Control Branch (Document Control Desk). 4pp 53104:245-53104:248.

9003260311 Advises that allegations provided to NRC by former utl employee unsubstantiated, based on investigation by utl SAFETEM organization.  
CAHILL, W.J., WALKER, R.D. TU Electric (formerly Texas Utilities Generating Co.) 90/03/19. Document Control Branch (Document Control Desk). 1p 53149:182-53149:182.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2, Part 2, "Vendor Interface for Safety-Related Components." Sys list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp 53195:014-53195:069.

### E. NRC Safety Evaluation Report (SER), supp's & correspondence

9003070163 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF COMANCHE PEAK STEAM ELECTRIC STATION, UNITS 1 AND 2. Docket Nos. 50-445 And 50-446 (Texas Utilities Electric Company, et al.)  
\* Comanche Peak Project Division (890101-900602). NUREG-0797 S22. 90/01/31. 368pp 52814:220-52815:226.

9003070170 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF COMANCHE PEAK STEAM ELECTRIC STATION, UNITS 1 AND 2. Docket Nos. 50-445 And 50-446 (Texas Utilities Electric Company, et al.)  
\* Comanche Peak Project Division (890101-900602). NUREG-0797 S23. 90/02/28. 102pp 52808:299-52809:040.

### F. Security, medical, emergency & fire protection plans

9002260446 Forwards FEMA rept of full participation exercise conducted on 890725-26 at facility for info.  
GRIMES, C.I. Comanche Peak Project Division (890101-900602). 90/02/14. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp 52721:188-52721:243.

9002280207 Forwards Insp Repts 50-445/90-01 & 50-446/90-01 on 900108. 17 No violations or deviations noted. Utl preoperational audit considered shallow & ineffective in uncovering security program weaknesses.  
WARNICK, R.F. Region 4, Ofc of the Director 90/02/16. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 3pp 52760:134-52760:149.

9002280208 Insp Repts 50-445/90-01 & 50-446/90-01 on 900108-17. No violations or deviations noted. Major areas respected: security plan & implementing procedures, mgt effectiveness, security program audits & records & repts.  
CALDWELL, R.A. Region 4, Ofc of the Director 90/02/07. 13pp 52760:137-52760:149.

9003020101 Forwards corrected FEMA 891215 rept of full participation exercise conducted on 890725-26 at plant due to administrative oversight, two-sided rept reproduced as one-sided.  
GRIMES, C.I. Comanche Peak Project Division (890101-900602). 90/02/23. NRC - No Detailed Affiliation Given 1p 52799:001-52799:003.

9003080039 Forwards Insp Repts 50-445/90-04 & 50-446/90-04 on 900116-18. No violations or deviations noted. Twenty-one open significant appraisal findings closed during insps.  
WARNICK, R.F. Assistant Director for Inspection Programs 90/02/26. CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 3pp 52835:235-52835:247.

9003080040 Insp Repts 50-445/90-04 & 50-446/90-04 on 900116-18. No violations or deviations noted. Major areas respected: emergency preparedness program to determine status of licensee actions in response to NRC 890605-08 appraisal.  
SPITZBERG, D.B. Region 4, Ofc of the Director 90/02/24. 10pp 52835:238-52835:247.

9003050274 Forwards documents to anonymous 891004 memo to Chairman re SALP process (DPO).  
SMITH, H. Planning, Program & Management Support Branch (Post 870411). 90/02/20. LANHAM, D. Document Control Branch (Document Control Desk). 8pp 52833:145-52833:215.

9002140043 Recommends that security section of SALP rept be changed to better reflect impact of that lack of completion of consist had on rating but that rating of "2" for security stand.  
CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 89/11/03. MIRAGLIA, F.J. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp 52833:259-52833:263.

9002140047 Comments on plant SALP board findings re differing prof opinion, per 891010 request Applicant should have received Category 1 SALP rating in security program.  
CALDWELL, R.A. Region 4, Ofc of the Director 89/10/20. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 3pp 52833:285-52833:287.

9002140063 Comments on plant draft SALP rept. Author believes that SALP rept accurately describes performance of plant staff & conclusions of NRC insp staff as documented in SALP input. Plant should be SALP 1 in security.  
EVERETT, R.J. Region 4, Ofc of the Director 89/10/25. CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 1p 52833:278-52833:278.

9002140169 Advises that during 891026 telcon, M Good had no comments on contents of SALP rept & stated that rept accurately reflected Good opinion re status of utl emergency preparedness.  
CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001). 89/12/07. Assistant Director for Special Projects (Post 891001). 1p 52833:305-52833:305.

9003120656 Responds to Generic Ltr 90-01, "Voluntary Participation in NRC Regulatory Impact Survey." Completed questionnaire sheets re NRC Team insps. NRC Ofc of Special Projects insps, NRC Resident Inspector insps & fire protection insps encl.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/01. Document Control Branch (Document Control Desk). 12pp 52971:169-52971:170.

### M. Antitrust correspondence

9003050169 Responds to 891217 ltr re status of Cap Rock Electric Co 890512 request for order enforcing & modifying antitrust license conditions attached to plants. Settlement meeting between Cap Rock & utl scheduled for 900226.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 89/02/22. GRAMM, P. Senate. 12pp 52835:047-52835:058.

### O. Advisory Committee on Reactor Safeguards reports & correspondence

8910060042 Summarizes 351st ACRS meeting on 890713-14. ACRS decided to review proposed power increase for Indian Point Unit 2 & not to review proposed amendments to 10CFR21. Future agenda items listed.  
REMICK, F.J. ACRS - Advisory Committee on Reactor Safeguards. 89/08/07. CARR, K.M. Commissioners. 3pp 52816:009-52816:011.



## O. Inspection reports, IE Bulletin &amp; correspondence

9003280111 FOIA request for documents & records relevant to & generated in connection w/insp Repts 50-445/90-05 & 50-446/90-05 on 900131 re Thermolog issues GARDE,B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde 90/02/05 GR MURLEY,D. NRC - No Detailed Affiliation Given 3pp. 53142 307 53142 309.

9002280285 Documents concerns requiring resolution before plant operation & areas requiring continued mgmt attention identified during exit meeting re ulf operat:onal readiness for insp Repts 50-445/89-57 & 50-446/89-57  
LAINAS,G.C. Division of Reactor Inspection & Safeguards (Post 870411) 90/02/09 CRUTCHFIELD,D. Associate Director for Special Projects (Post 891001 900502) 4pp 52777 004-52777 007

9002270252 Ack receipt of 900207 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-445/89-85 & 50-446/89-86 implementation of corrective actions will be reviewed during future Insp  
WARNICK,R.F. Assistant Director for Inspection Programs 90/02/14 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp 52756.178-52756.181.

9002270448 Forwards Insp Repts 50-445/90-03 & 50-446/90-03 on 900103-0206 & notice of violation  
WARNICK,R.F. Assistant Director for Inspection Programs 90/02/16 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp. 52944 283-52945 025

9002270449 Notice of violation from insp on 900103-0206 Violat on noted error in Calculation 16345/6.CS(B) 059. "Svc Water Intake Structure-Exterior Wall Desgn." Rev 1, not adequately corrected  
WARNICK,R.F. Assistant Director for Inspection Programs 90/02/16 3pp 52944 287-52944 289

9002270451 Insp Repts 50-445/90-03 & 50-446/90-03 on 900103-0206 Violations noted Major areas inspected actions on previous insp findings follow up on violations/ deviations & action on 10CFR50.55(e) deficiencies identified by applicant  
LATTI,R.M., RUNYAN,M.F., LIVERMORE,H.H. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/16 8pp 52944 290-52945 025

9002280207 Forwards Insp Repts 50-445/90-01 & 50-446/90-01 on 900108-17 No violations or deviations noted Util preoperational audit considered shallow & ineffective in uncovering security program weaknesses  
WARNICK,R.F. Region 4, Oic of the Director 90/02/16 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 3pp 52760.134-52760.149

9002280208 Insp Repts 50-445/90-01 & 50-446/90-01 on 900108-17 No violations or deviations noted Major areas inspected security plan & implementing procedures, mgmt effectiveness, security program audits & records & repts  
CALDWELL,R.A., EARNEST,A.B., POWERS,D.A. Region 4, Oic of the Director 90/02/07 13pp. 52760.137-52760.149

9003070207 Forwards Insp Repts 50-445/90-02 & 50-446/90-02 on 900103-0206 No violations or deviations noted  
WARNICK,R.F. Assistant Director for Inspection Programs WARNICK,R.F. Region 4, Oic of the Director 90/02/22 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp 52853.249-52853 285

9003070211 Insp Repts 50-445/90-02 & 50-446/90-02 on 900103-0206 No violations or deviations noted Major areas inspected unannounced resident safety insp of applicant action on previous insp findings  
BITTER,S.D., VICKREY,R.B., JOHNSON,W.D. Region 4, Oic of the Director 90/02/22 33pp. 52853 283-52853 285.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corros on Cracking of Inconel 600" Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc 9pp. 52776.262-52776.265.

9003060039 Forwards Insp Repts 50-445/90-04 & 50-446/90-04 on 800116-18 No violations or deviations noted Twenty-one open significant appraisal findings closed during insp  
WARNICK,R.F. Assistant Director for Inspection Programs 90/02/28 CAHILL,W.J. TU Electric (formerly Texas Utilities Generating Co.) 3pp 52835 235-52835 247

9003060040 Insp Repts 50-445/90-04 & 50-446/90-04 on 900116-18 No violations or deviations noted Major areas inspected emergency preparedness program to determine status of licensee actions in response to NRC 890605-09 appraisal  
SPITZBERG,U.B., POWERS,D.A. Region 4, Oic of the Director 90/02/24. 10pp. 52835.238-52835 247.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid Operated Valves" Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc 9pp. 52776.163-52776.261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications" Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc 8pp. 52844.001-52844 009

9003050274 Forwards documents re anonymous 891004 memo to Chairman re SALP process (DPO).  
SMITH,H. Planning, Program & Management Support Branch (Post 870411) 90/02/28 LANHAM,D. Document Control Branch (Document Control Desk) 8pp. 52833:145-52834 215.

9012140326 Responds to 891120 ltr re concerns w/plant SALP process & regulatory process associated w/ final licensing decision. Panel established to review issues & make recommendations.  
TAYLOR,J.M. Oic of the Executive Director for Operations. 89/12/08. GARDE,B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 2pp. 52833.306-52833 307.

9012140328 Discusses concerns re integrity of regulatory process as affecting plant.  
GARDE,B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde. 89/11/20. TAYLOR,J.M. Oic of the Executive Director for Operations. 38pp. 52834:082-52834.074

9002130259 Discusses differing prof opinion re unsigned anonymous 891004 re "ul cad readiness & SALP rept & concludes that regulatory matter in ltr adequately addressed  
MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 01 TAYLOR,J.M. Oic of the Executive Director for Operations 2pp. 52834 214

9002140015 Summarizes activities completed by differing prof opinion ID panel & provides recommendations re anonymous DPO on plant  
MIRAGLIA,F.J. NRC - No Detailed Affiliation Given 89/01/30 MURLEY,T. Nuclear Reactor Regulation, Director (Post 870411) 5pp 52834 055-52834 056

9002140032 Requests that recipient conduct independent review of diff between draft & final insp & SALP repts Guidance for conduct of review: SNEDECER,J.H. Office of Nuclear Reactor Regulation, Director (Post 870411) 02 TRAVERS,W.D. Assistant Director for Special Projects (Post 891001) 52834 075-52834 076

9002140039 Submits rept on assignment to conduct independent review of diff between certain draft & final insp & SALP repts to determine issues between repts & to recommend appropriate mechanism for resolving differences  
TRAVERS,W.D. Assistant Director for Special Projects (Post 891001) SNEDECER,J.H. Office of Nuclear Reactor Regulation, Director (Post 870411) 52834 077-52834 150

9002140041 Requests that persons involved in insp activities for plant review SALP rept & submit comments on board findings within 15 days from  
CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) NRC - No Detailed Affiliation Given 2pp 52834 151-52834 209

9002140043 Recommends that security section of SALP rept be changed to reflect impact of that lack of completion of work had on rating but that rating security stand  
CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) MIRAGLIA,F.J. Office of Nuclear Reactor Regulation, Director (Post 870411) 52833 259-52833 263.

9002140048 Advises of no substantial difference between original SALP in rept on Texas Util performance SALP rept honestly & accurately describes matter submitted by author for plant SALP  
TERC,N. Hegon 4, Oic of the Director 89/10/17 CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 1p 52833.264-52833 264

9002140047 Comments on plant SALP board findings re differing prof 891010 request Applicant should have received Category 1 SALP rating program  
CALDWELL,R.A. Region 4, Oic of the Director 89/10/20 CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 3pp 52833 265-52833 267

9002140050 Responds to 891010 request to review nral SALP rept & SALP board findings Author agrees w/using insps as input for functional rated in SALP rept  
NORRINKIN,P. Comanche Peak Project Division (890101-900602) CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 52833 268-52833 268

9002140053 Responds to 891010 request for comments on process Words of SALP rept Section H, consistent w/author limited knowledge to plant current status  
SCHULTZ,D.H. Comex Corp. 89/10/17 CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 1p 52833.269-52833 269

9002140054 Confirms 891023 telcon re info that should be considered in plant SALP rept Recommends that board consider adding statement on draft rept re concerns w/ applicant QA involvement in review of ERGs opened  
GAGLIARDO,J.E. Region 4, Oic of the Director 89/10/25 CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 4pp 52833 270-52833 271

9002140056 Comments on SALP & differing prof opinion Process used SALP rept & in conducting SALP board meeting & measures established early indications of unacceptable applicant performance also discussed  
WARNICK,R.F. Assistant Director for Inspection Programs CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 52833 274-52833 276

9002140058 Comments on plant draft SALP rept SALP rept accurately describes performance of plant staff & conclusions of NRC insp staff as documented in issues identified.  
BAERRE, Region 4, Oic of the Director 89/10/25 CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 1p 52833 277-52833 277.

9002140060 Advises that inspector has no concern re SALP for plant  
EARNEST,A.B. Region 4, Oic of the Director 89/10/25 CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 1p. 52833 278-52833 278.

9002140063 Comments on plant draft SALP rept Author believes that SALP rept accurately describes performance of plant staff & conclusions of NRC insp staff in SALP input Plant should be SALP 1 in security  
EVERETT,R.J. Region 4, Oic of the Director 89/10/25 CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 1p. 52833 279-52833 279

9002140072 Offers no specific or general comments on SALP other than engineering & technical support areas accurately reflected applicant assessment level  
CRUTCHFIELD,D. NRC - No Detailed Affiliation Given 89/10/24. RUNYAN,M. NRC - No Detailed Affiliation Given. 1p 52833.280-52833 280.

9002140075 Informs of no safety-significant issues associated w/Unit 1 been resolved or not being currently tracked by formal methods.  
RUNYAN,M. NRC - No Detailed Affiliation Given. 89/10/20. GRIMES,M. NRC - No Detailed Affiliation Given 1p 52833.281-52833 281.

9002140077 Comments on initial SALP rept & NRC staff differing prof SALP needs further editing.  
BITTER,S.D. NRC - No Detailed Affiliation Given. 89/10/20. CRUTCHFIELD,D. Assistant Director for Special Projects (Post 891001) 1p. 52833 282-52833 282.



- 9002140081 Advises of no unidentified safety-related concerns that may have bearing on licensing of Unit 1, per 891011 memo.  
OVERMORE, H.H. Comanche Peak Project Division (890101-900602) 89/10/23  
GRIMES, C. Comanche Peak Project Division (890101-900602) 1p 52633 283-52633 283
- 9002140082 Agrees w/assessment performance rating & board recommendations re n/a: SALP rept for plant.  
HOGAN, R.T. Emergency Preparedness Branch 89/10/25 CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001) 1p 52633 284-52633 284
- 9002140087 Concludes that no statements or conclusions of SALP board in conflict w/ run counter to findings resulting from insp of plant operations exist.  
WATERS, D.B. Prusula - Beckman Associates 89/10/24 CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001) 4pp 52633 285-52633 288
- 9002140089 Offers no comments re SALP rept, per 891010 request.  
ROTHBERG, O.O. Engineering Issues Branch 89/10/23 CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001) 1p 52633 289-52633 289
- 9002140094 Comments on SALP rept in response to 891010 request SALP rept is accurate re: of licensee past performance. Author confident in accuracy & outcome of recent SALP board results & methodology used to accomplish goal.  
BURRIS, S.P. Assistant Director for Special Projects (Post 891001) 89/10/24 CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001) 2pp 52633 290-52633 291
- 9002140096 Responds to comments made in unsigned memo re SALP rept. Comments re SALP board members totally unwarranted, unfounded & w/o substantiation from any quarter.  
BURRIS, S.P. Assistant Director for Special Projects (Post 891001) 89/10/26 CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001) 2pp 52633 292-52633 293
- 9002140099 Forwards chart in response to item 1 of 891116 memo re differing prof opinion on plant.  
CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001) 89/12/26 MRAGLIA, F.J. Comanche Peak Project Division (890101-900602) 3pp 52633 294-52633 295
- 9002140104 Informs that during 891012 telcon, P. Wagner informed of no comments on 891010 memo re NRC differing prof opinion on plant.  
CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001) 89/12/07 Assistant Director for Special Projects (Post 891001) 1p 52633 304-52633 304
- 9002140109 Forwards chart providing status of contacts to be made re differing prof opinion on plant.  
CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001) 89/12/20 MRAGLIA, F.J. Comanche Peak Project Division (890101-900602) 3pp 52634 024-52634 025
- 9002140163 Offers no specific nuclear safety-related concerns re electrical hardware or insulator on, but generally agrees w/ licensing activity concerns expressed in 891004 anonymous ltr.  
TAYLOR, J.D. NRC - No Detailed Affiliation Given 89/10/23 GRIMES, C. NRC - No Detailed Affiliation Given. 1p 52633 301-52633 301
- 9002140169 Advises that during 891026 telcon, M. Good had no comments on contents of SALP rept & stated that rept accurately reflected Good opinion on re status of unit emergency preparedness.  
CRUTCHFIELD, D. Assistant Director for Special Projects (Post 891001) 89/12/07 Assistant Director for Special Projects (Post 891001) 1p 52633 305-52633 305
- 9003050276 Provides input re systematic analysis of licensee performance in narrative form.  
PRILLIPS, H.S. Assistant Director for Inspection Programs 89/07/31 WAHNICK, R.F. Assistant Director for Inspection Programs 8pp 52633 157-52633 164
- 9003050277 Informs that info presented during enforcement conference re SWS coating removal conference & subsequent response to Enforcement Action EA-88-310 inaccurate & incomplete.  
PRILLIPS, H.S. Assistant Director for Inspection Programs 89/06/21 GRIMES, C. Comanche Peak Project Division (890101-900602) 8pp 52633 165-52633 257
- 9003050282 Requests addl info or action per 891115 meeting, including Insp Rept 50-445/89-59 & discuss on w/panel re manner in which 891010 memo wld be received.  
MRAGLIA, F.J. Comanche Peak Project Division (890101-900602) 89/11/16 CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602) 1p 52633 297-52633 297
- 9003050285 Provides update on progress of review of differing prof opinion concerning fuel load readiness & SALP rept.  
MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 89/12/18 TAYLOR, J.M. Ofc of the Executive Director for Operations 2pp 52633 308-52633 309
- 9003050289 Advises that differing prof opinion panel prepared to meet w/Comanche Peak SALP board on 890104.  
MRAGLIA, F.J. Comanche Peak Project Division (890101-900602) 89/12/27 CRUTCHFIELD, D. Associate Director for Special Projects (Post 890101-900602) 28pp 52634 026-52634 054
- 9003050297 Discusses readiness of Comanche Peak to load fuel, draft SALP rept & SALP evaluation process. Low power license may be issued within a wk if no major problems develop.  
TAYLOR, J.M. Ofc of the Executive Director for Operations 90/02/05. CARR Commissioners. 1p 52634 215-52634 215
- 9003120656 Responds to Generic Ltr 90-01, "Voluntary Participation in NRC Regulatory Impact Survey." Completed questionnaire sheets re NRC Team Insps, NRC Ofc of Special Projects Insps, NRC Resident Inspector Insps & ltr protection Insps encl.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 80/03/01. Document Control Branch (Document Control Desk) 12pp 52971:159-52971:170
- 9003120807 Supp's response to NRC Bulletin 88-005 re nonconforming mail supplied by Piping Supplies, Inc. & West Jersey Mfg Co. Re review indicated that no sub, mail supplied to or installed in Core Class 1 piping sys for Unit 1.  
CAHILL, W.J. WALKER, R.D. TU Electric (formerly Texas Utilities Generating Co.) 80/03/02 Document Control Branch (Document Control Desk) 2pp 52980 018-52980 019
- 9002270309 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co of New York, Inc 89pp 52844:100-52844 198
- 9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CLANNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/05 Consolidated Edison Co of New York, Inc 88pp 52987 001-52987 094
- 9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CLANNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co of New York, Inc 95pp 52997 095-52997 189
- 9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BARGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co of New York, Inc 91pp 52997 288-52998 018
- 9003010293 Suppl 2 to NRC Info Notice 89-050, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co of New York, Inc 103pp 52844:199-52844 298
- 9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copos-Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 00/03/08 Consolidated Edison Co of New York, Inc 104pp 52963 086-52963 189
- 9003150228 Forwards Operational Readiness Assessment Team Insp Repts 50-445/89-200 & 50-446/89-200 on 891016-27 & 900122-0202 & notices of violation & deviation.  
CRUTCHFIELD, D. Division of Reactor Projects - II, IV, V & Special Projects (Post 870411) 90/03/08 CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp 53026 084-53026 171
- 9003160238 Insp Repts 50-445/89-200 & 50-446/89-200 on 891016-27 & 900122-0202. Violations & deviations noted Major areas inspected operational readiness, facility mgmt plant operations, maintenance, surveillance & testing & technical support.  
VANDENBURGH, C. GUTHRIE, S.C. LANNING, W.D. Special Inspection Branch 80/03/06 80pp 53026 092-53026 171
- 9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Fluecur Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co of New York, Inc 103pp 52963 200-52963 289
- 9003050148 NRC Bulletin 90-001, "Loss of F.I.O.I in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co of New York, Inc 109pp 52963 300-52964 048
- 9003160254 Comments on SALP rept for Sept 1988 - Aug 1989 Utl concurs w/NRC assessment of invol of performance for period reviewed in SALP rept.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 80/03/09 Document Control Branch (Document Control Desk) 2pp 53036 129-53036 130
- 9003160258 Responds to NRC 900216 ltr re violations noted in Insp Repts 50-445/90-03 & 50-446/90-03. Corrective action personnel reminded of need to conservatively rept deficiencies & to advise mgt of any questions re reportability.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 80/03/09 Document Control Branch (Document Control Desk) 4pp 53036 079-53036 082
- 9003200220 Forwards Insp Repts 50-445/90-06 & 50-446/90-06 on 900213-16 No violations or deviations noted.  
WARNICK, R.F. Region 4, Ofc of the Director 90/03/12 CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp 53077 012-53077 024
- 9003200226 Insp Repts 50-445/90-06 & 50-446/90-06 on 900213-16 No violations or deviations noted. Major areas inspected: receipt, storage & handling of emergency diesel generator fuel oil & station lubrication control program.  
JOHNSON, C.E. STETKA, T.F. Region 4, Ofc of the Director 90/03/06 9pp 53077 018-53077 024
- 9003270052 Responds to 900226 ltr reiterating concerns of CASE re findings of NRC SALP for plant. Concerns forwarded to NRC staff responsible for evaluating broad questions about SALP program policies.  
TAYLOR, J.M. Ofc of the Executive Director for Operations 90/03/13 ELLIS, J. Citizens Association for Sound Energy 2pp 53192 041-53192 082
- 9003270056 Expresses concerns re SALP process & NRC decision to issue SALP rept w/o adequate consideration of negative findings.  
ELLIS, J. Citizens Association for Sound Energy 90/02/26 TAYLOR, J.M. Ofc of the Executive Director for Operations 2pp 53192 043-53192 082
- 9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co of New York, Inc 98pp 52997 190-52997 287
- 9003280301 Responds to NRC 900216 ltr re Violation A noted in Insp Repts 50-445/90-03 & 50-446/90-03. Corrective actions: groundwater calculations completed & engineering personnel reminded of procedural requirements.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 80/03/19 Document Control Branch (Document Control Desk) 4pp 53156 181-53156 184

9003260554 Ack receipt of 900309 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-445/90-03 & 50-448/90-03 implementation of corrective actions will be reviewed during future inspections  
WARWICK, R.F. Assistant Director for Inspection Programs 90/03/19 CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 4pp 53155 313-53155 316

9003130012 NRC Bulletin 90-002 "Loss of Thermal Margin Caused by Charrel Box Bow" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 9pp 53035 129-53035 226

9003280152 Final response to FOIA request for documents App A & B records available at PCR App B records and App C records withheld (rel FOIA Exemption 5 & 7).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 90/03/21 GARDE, B.P. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde 5pp 53142 302-53142 306

9003280162 Responds to ltr 991221 ltr to NRC re thermo-tag dispute  
PETER, B. Robinson, Robinson, Peterson, Berk, Rudolph, Cross & Garde 50/02/05 GRIMSLEY, D.H. Constance Peak Project Division (890101-900502) 13pp 53142 310-53142 322

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc list encl  
CUTNIGHAM, R.E. Division of Nuclear & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 9pp 53166 057-53166 147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 10pp 53132 001-53132 100

9003160349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 10pp 53165 007-53165 108

#### S. Reportable occurrences, LERs & related correspondence

9002220398 Final Deficiency Rept CP-89-013 re potential for ASCO solenoids on MSIVs to open after initial closure initially reported on 890503 valves included in equipment qualification program & cautionary tags placed on valves  
WOODWARD, R. TU Electric (formerly Texas Utilities Generating Co.) 90/02/07 Document Control Branch (Document Control Desk) 3pp 52705 265-52705 267

9002220519 Final & Interim Deficiency Rept CP-90-001 re feedwater isolation valve (FWIV) impact testing initially reported on 900116 Pressure & Temperature Limitations associated with FWIV incorporated in technical requirements manual Rev 2.  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/02/07 Document Control Branch (Document Control Desk) 3pp 52703 282-52703 284

9003140277 Submits info re reactor trip & associated events on 900305. Evaluation being performed to identify cause of failure of inverter IPC1 & reenergizing procedures will be reviewed & revised as necessary  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/07 Document Control Branch (Document Control Desk) 1p 53018 325-53018 325

9003220078 Final & Interim Deficiency Rept CP-90-02 re diesel generator starting air receiver tank relief valves initially reported on 900205 Support structure on fourth relief valve modified  
CAHILL, W.J. TU Electric (formerly Texas Utilities Generating Co.) 90/03/07 Document Control Branch (Document Control Desk) 2pp 53165 272-53165 273

#### DOCKET STN-50-454 BYRON STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9003050033 Rev 3 to EP P EP-EOG-18, "Communicator"  
CARSON, R.L. Commonwealth Edison Co. 89/11/29 2pp 52625 068-52625 089

9002270419 Rev 8 to Procedure BZP 380-3, "Post-Accident Vent Stack Sampling of Wide-Range Gas Monitor (Primary Response by Radiolabel Director)"  
Commonwealth Edison Co. 90/02/06 8pp 52756 057-52756 064

9003150101 Rev 3d to Table BYA 5-1, "Byron Emergency Action Levels"  
Commonwealth Edison Co. 90/02/08 2pp 53047 210-53047 211

9003010478 Revised EPs including Rev 4 to BZP 500-2, Rev 10 to BZP 500-T4 & Rev 4 to BZP 500-T5  
Commonwealth Edison Co. 90/02/12 7pp 52766 218-52766 224

9003090071 Revised EPs including Rev 4 to ED-4 Rev 7 to ED-19 Rev 3 to ED-21 Rev 5 to ED-30 Rev 2 to ED-31 & Rev 6 to ED-28  
FERGUSON, B.S. Commonwealth Edison Co. 90/02/21 8pp 52950 190-52950 286

9003150183 Revised EPs including Rev 8 to BZP 500-1, Rev 3 to BZP 500-5, Rev 8 to BZP 500-T1 Rev 5 to BZP 600-2 & Rev 18 to BZP 600-A4  
Commonwealth Edison Co. 90/02/21 30pp 53025 095-53025 124

9003260130 Rev 7 to EPIP EG 2, "Use of Commonwealth Edison Co. & IDNS Monitoring Maps" W/s oversized drawings  
MOLKEIR, A.J. Commonwealth Edison Co. 90/03/12 9pp 63189 181-53189 170

#### F. Operating license stage documents & correspondence

9002260193 Forwards Amend 37 & to Licenses NPF-37 & NPF-66 & safety evaluation Amends approve changes to tech Specs to revise pressure/temp limits for RCS  
OLSHAN, L.N. Project Directorate III-2 90/02/08 KOVACH, T.J. Commonwealth Edison Co. 3pp 52739 007-52739 029

9002260195 Amend 37 to Licenses NPF-37 & NPF-66, approving changes to Tech Specs to revise pressure/temp limits for RCS  
CRAIG, J.W. Project Directorate III-2 90/02/08 16pp 52739 010-52739 025

9002260199 Safety evaluation supporting Amend 37 to Licenses NPF-37 & NPF-66  
Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/23 52739 026-52739 029

9002260559 Supp's 890731, 0915, 1030 & 1215 responses re employees of potential safety issues Labor settlement agreements for us persons reveal any restrictive clauses that would hinder employees from notifying  
RICHTER, M.H. Commonwealth Edison Co. 90/02/15 Project Directorate III-2 52753 307-52753 308

9003080290 Approves ltr 900214 request for use of B&W steam generator Alloy 690 as a alternative to Alloy 600 Alternate mail is nickel-base alloy (Alloy SB-166)  
SHEMANSKI, P.C. Project Directorate III-2 90/02/26 KOVACH, T.J. Commonwealth Edison Co. 4pp 52908 333-52908 336

9003090150 Forwards Unit 1 Cycle 4 reload core report Vendor elected option of performing Cycle 4 neutronic design in-house because of in-house VANTAGES deal  
SCHUSTER, T.K. Commonwealth Edison Co. 90/02/26 MURLEY, T.E. Commonwealth Edison Co. Director (Post 870411) 7pp 52945 352-52945 353

9003140315 Provides info re high density fuel storage rack blackness review & acceptance & advises that schedule to perform blackness tests of placing racks in svc reflects relevant testing schedule on Board  
HUNSADER, S.C. Commonwealth Edison Co. 90/02/27 MURLEY, T.E. Commonwealth Edison Co. Director (Post 870411) 4pp 53024 057-53024 058

9003080147 Inform of organizational changes within Div of Reactor Project Directorate III-2 Change reassigned project managers to listed locations  
CRAIG, J.W. Project Directorate III-2 90/02/27 KOVACH, T.J. Commonwealth Edison Co. 5pp 52894 029-52894 033

9003130757 Forwards request for add. info re elimination of dynamic effects on pipe supports in reactor coolant bypass & accumulator piping  
SHEMANSKI, P.C. Project Directorate III-2 90/03/05 KOVACH, T.J. Commonwealth Edison Co. 5pp 52995 189-52995 203

9003220188 Provides results of completed util reviews & addresses add'l by NRC re 890317 application for: attends to Licenses NPF-37 NPF-66 NPF-77 to change Tech Spec 4.5.2, supplemented on 890825 & 890909  
HUNSADER, S.C. Commonwealth Edison Co. 90/03/12 MURLEY, T.E. Commonwealth Edison Co. Director (Post 870411) 2pp 53123 043-53123 045

9003220190 Revised proposed Tech Specs, allowing discontinuance of venting surveillance required by Tech Spec 4.5.2, Insds Containment  
Commonwealth Edison Co. 90/03/12 18pp 53123 070-53123 076

9003220219 Application for amendments to Licenses NPF-37 NPF-66 NPF-77 changing Tech Spec 4.5.2 to modify existing surveillance requirements of ECCS equipment, reducing significant exposure to radiation  
HUNSADER, S.C. Commonwealth Edison Co. 89/03/17 MURLEY, T.E. Commonwealth Edison Co. Director (Post 870411) 2pp 53123 077-53123 078

9003220220 Proposed Tech Spec 4.5.2 modifying existing surveillance for venting of ECCS equipment and reducing significant exposure to radiation w/ALARA guidelines w/o reducing safe operation of ECCS equipment  
Commonwealth Edison Co. 89/03/17 8pp 53123 079-53123 088

9003200352 Approves request for use of B&W & Westinghouse steam generator Alloy 600 (ASME Designation on SB-155/Alloy 690) as a alternative to Alloy 600  
SHEMANSKI, P.C. Project Directorate III-2 90/03/14 KOVACH, T.J. Commonwealth Edison Co. 1p 53071 236-53071 236

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants of staff position in Generic Ltr 83-20, Item 2, Part 2, "Vendor Interrelated Components" Svc list encl  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/07 Commonwealth Edison Co. of New York, Inc. 55pp 53185 014-53185 089

#### G. Inspection reports, IE Bulletins & correspondence

9002220465 Responds to NRC Bulletin 88-009 re thimble tube thru insp performed using eddy current testing methodology & performing outage until sufficient data accumulated to generate correlation.  
SCHUSTER, T.K. Commonwealth Edison Co. 90/02/09 MURLEY, T.E. Commonwealth Edison Co. Director (Post 870411) 3pp 52713 330-52713 331

9003200007 Responds to concerns noted in Insp Repts 50-458/88-24, 50-454/88-15, 50-455/88-14, 50-237/88-20, 50-249/88-21, 50-373/88-22, 50-254/88-22, 50-265/88-22, 50-295/88-17 & 50-304/88-17  
KOVACH, T.J. Commonwealth Edison Co. 90/02/15 DAVIS, A.B. Commonwealth Edison Co. Director 2pp 52798 248-52798 249

9003120041 Advises that 16 tubes in all four steam generators remain result of eddy current insp during Cycle 3 refusing outage tube be placed back in service  
PLENIEWICZ, R. Commonwealth Edison Co. 90/02/16 DAVIS, A.B. Commonwealth Edison Co. Director 1p 52968 175-52968 175

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Control 800" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) Consolidated Edison Co. of New York, Inc. 9pp 62776 262-52776 263

9003120449 Forwards Safety Insp Repts 50-454/90-03 & 50-455/90-02 No violations noted.  
SHAFER, W.D. Region 3, Office of the Director 90/02/23 REED, J. Commonwealth Edison Co. 2pp 52989 325-52989 343

9003120454 Safety Insp Repts 50-454/90-03 & 50-455/90-02 on 90/03/01 inspections noted Major areas inspected: operational safety, reactor safety, outage, onsite event followup & radiological controls  
CLAYTON, B. Region 3, Office of the Director 90/02/23 17pp 52989 344-52989 345

2230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/28  
Consolidated Edison Co. of New York, Inc. 88pp. 52844.001-52844.099.

3050175 Partial response to FOIA request for records App W records encl & available in PDR

HILPIS,J.D. Division of Freedom of Information & Publications Services (Post 90205) 90/03/01. PEPPERMAN,D.R. Bacher & Collins 2pp 52793-297-52794 103

30916053 Forwards response to IE Bulletin 78-10, "Bergen-Paterson Hydraulic Pack Suppressor Accumulator Spring Coils." No Bergen-Paterson snubbers installed Dresden Zion,LaSalle County,Byron or Braidwood facilities  
EEO,C. Commonwealth Edison Co. 78/08/09. KEPPLER,J.G. Region III, IE (720101-10226) 10pp 52794-104-52794-113

2270389 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Violations." Svc list encl.

OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/05  
Consolidated Edison Co. of New York, Inc. 89pp 52844.100-52844.198.

2280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.

UNNIGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 3/03/06 Consolidated Edison Co. of New York, Inc. 88pp 52997.001-52997.034.

3200211 Forwards Safety Insp Rept 50-454/80-04 on 900116-0216 No violations noted

COOPER,R.W. Region 3, Oic of the Director 90/03/06 REED,C. Commonwealth Edison Co. 2pp 53069.230-53069.238

30200216 Insp Rept 50-454/90-04 on 900116-0216 No violations or deviations noted Major areas inspected inservice Insp activities,including review of program procedures,work activities & insp data

COBSON,J.M., DANIELSON,D.H. Region 3, Oic of the Director 90/03/05. 7pp. 3063 232-53069:238

3010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.

UNNIGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 3/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997.095-52997.189.

3010227 NRC Info Notice 90-016, "Compliance With New Decommissioning Rule." Svc list encl.

AFGANI,R.L. Division of Low-Level Waste Management & Decommissioning (Post 70413). 90/03/07. Consolidated Edison Co. of New York, Inc. 81pp. 52907.288-2995.018.

3010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative Fasteners." Svc list encl.

OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.208

3020211 NRC Info Notice 90-017, "Weight & Air of Gravity Discrepancies for Copositive Valves." Svc list encl.

OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52963.086-52963.189.

3180351 Forwards Safety Insps 50-454/80-08 & 50-455/80-05 on 900212-15 No violations noted

REGER,L.R. Region 3, Oic of the Director 90/03/08 REED,C. Commonwealth Edison Co. 2pp. 53068.020-53068.030.

3190354 Insp Repts 50-454/80-06 & 50-455/80-05 on 900212-15 No violations noted Major areas inspected confirmatory measurements,including review of open item 3 927011),audits & surveillances & implementation of QA

ANUSKA A.G. Region 3, Oic of the Director 90/03/06. 8pp. 53068.022-53068.030

3050043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.

OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299

3050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.

OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52963.300-52964.048.

3080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Circulation on Spray at PWR Facilities." Svc list encl.

OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 88pp. 52997.180-52997.287.

3130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box over." Svc list encl.

OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035.129-53035.226.

3160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl.

UNNIGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 3/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168.057-53168.147.

3160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl.

OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

3190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.

OSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

PLENIEWICZ,R. Commonwealth Edison Co. 89/12/31. 31pp 52926.143-52926.173

9003160257 "Byron Nuclear Power Station Annual 10CFR50.59 Rept 1989." W/900227

PLENIEWICZ,R. Commonwealth Edison Co. 89/12/31. MURLEY,T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 72pp. 53022.117-53022.189

9002270428 Monthly performance repts for Jan 1989 for Byron Nuclear Power Station,Units 1 & 2 W/900212 ltr

ORRIS,K. PLENIEWICZ,R. Commonwealth Edison Co. 90/01/31. 14pp 52755.162-52756.175

9003050213 Forwards urrata to radioactive effluent rept for Jan-June 1989 & advises that Sr-89,Sr-90 & Fe-55 analysis for liquid & gaseous effluents completed by offsite vendor

PLENIEWICZ,R. Commonwealth Edison Co. 90/02/07. Document Control Branch (Document Control Desk) 2pp 52851.145-52851.148

-9003050219 Errata to radioactive effluent rept for Jan-June 1989 re vent stack releases & liquid effluents

\* Commonwealth Edison Co. 89/03/30 2pp 52851.147-52851.148

9003090471 Forwards occupational radiation exposure portions of plant operating repts for 1989

RESCEK,F. Commonwealth Edison Co. 90/02/20. DAVIS,A.B. Region 3, Oic of the Director. 1p 52968.206-52968.218

-9003090488 "Number of Personnel & Person Rem by Work & Job Function for 1989." W/900205 ltr.

PLENIEWICZ,R. Commonwealth Edison Co. 89/12/31. DAVIS,A.B. Region 3, Oic of the Director 2pp. 52966.215-52966.216

9003200145 Monthly operating repts for Feb 1990 for Byron Nuclear Power Station,Units 1 & 2 W/900312 ltr

ORRIS,K. PLENIEWICZ,R. Commonwealth Edison Co. 90/02/28. 14pp. 53078.016-53078.029

## S. Reportable occurrences, LERs & related correspondence

9002160186 Part 21 rept re backup rings furnished in spare parts seal kits & n 25 GPM 4 way valves as part of actuators made of incorrect materials should be vilon & have been identified as Buna N

KNECHT,W.G. Anchor/Darling Valve Co. (subs of Anchor/Darling Industries, Inc.). 90/01/26. Oic of Enforcement (Post 870413) 2pp 52896.049-52896.050.

9003010052 LER 90-001-00 on 900110,determined that containment purge isolation sys not demonstrated operable 100 h prior to start of core alterations Caused by cognitive personnel error. Task force formed to review Tech Specs W/900109 ltr

STAUFFER,G. PLENIEWICZ,R. Commonwealth Edison Co. 90/02/16 7pp. 52747.253-52747.259

## DOCKET STN-50-455 BYRON STATION, UNIT 2

## F. Security, medical, emergency & fire protection plans

9003050033 Rev 3 to EPIP EP-EOP-18, "Communicator."

CARSON,R.L. Commonwealth Edison Co. 89/11/29. 22pp 52825.088-52825.089.

9002270419 Rev 8 to Procedure BZP 380-3, "Post-Accident Vent Stack Sampling of Wide-Range Gas Monitor (Primary Responsibility: Rad/Chem Director)."

\* Commonwealth Edison Co. 90/02/06 8pp. 52756.057-52756.064.

9003160101 Rev 3d to Table BYA 5-1, "Byron Emergency Action Levels"

\* Commonwealth Edison Co. 90/02/08 2pp. 53047.210-53047.211.

9003010476 Revised EPIPs,including Rev 4 to BZP 500-2,Rev 10 to BZP 500-T4 & Rev 4 to BZP 500-T5.

\* Commonwealth Edison Co. 90/02/12. 7pp 52766.218-52766.224.

9003090071 Revised EPIPs,including Rev 4 to ED-4,Rev 7 to ED-19,Rev 3 to ED-21,Rev 5 to ED-24,Rev 5 to ED-30,Rev 2 to ED-31 & Rev 8 to ED-28.

FERGUSON,B.S. Commonwealth Edison Co. 90/02/21. 87pp. 52950.190-52950.286.

9003160183 Revised EPIPs,including Rev 8 to BZP 500-1, Rev 3 to BZP 500-5,Rev 8 to BZP 500-T1,Rev 0 to BZP 600-2 & Rev 18 to BZP 600-A4.

\* Commonwealth Edison Co. 90/02/21. 30pp. 53025.095-53025.124.

9003260130 Rev 7 to EPIP EG-2, "Use of Commonwealth Edison Co & IDNS Monitoring Maps." W/alsi oversize drawings.

MOLKEIR,A.J. Commonwealth Edison Co. 90/03/12. 9pp. 53189.161-53189.170.

## P. Operating license stage documents & correspondence

9002280193 Forwards Amend 37 & to Licenses NPF-37 & NPF-66 & safety evaluation Amends approve changes to tech Specs to revise pressure/temp limits for RCS

OLSHAN,I.N. Project Directorate III-2. 90/02/08. KOVACH,T.J. Commonwealth Edison Co. 3pp. 52739.007-52739.029.

-9002280195 Amend 37 to Licenses NPF-37 & NPF-66,approving changes to Tech Specs to revise pressure/temp limits for RCS.

CRAIG,J.W. Project Directorate III-2. 90/02/08. 16pp. 52739.010-52739.025.

-9002280199 Safety evaluation supporting Amend 37 to Licenses NPF-37 & NPF-66.

\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/08. 4pp. 52739.026-52739.028.

9003140315 Provides info re h.g. "Cerisity fuel storage rack blackness testing for NRC review & acceptance & advises that schedule to perform blackness testing within 2 yrs of passing racks in svc reflects relevant testing schedule on Borallex HIGH-ADDER S.C. Commonwealth Edison Co. 90/02/27. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post: 870411). 4pp 53024 057-53024 068

9003130757 Forwards request for add info re elimination of dynamic effects of postulated pipe ruptures in reactor coolant bypass & accumulator piping from design basis. SHENK, S.K. Project Directorate II-2 90/03/05 KOVACH, T.J. Commonwealth Edison Co. 5pp 52915 198-52915 203

9003220189 Provides results of completed util reviews & addresses add info requested by NRC re 900317 application for amendments to Licenses NPF-37, NPF-66, NPF-72 & NPF-77 to change Tech Spec 4.5.2.5, supplemented on 890825 & 890925 27 meetings. HIGH-ADDER S.C. Commonwealth Edison Co. 90/03/12 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post: 870411). 29pp 53123 040-53123 086

-9003220190 Revised proposed Tech Specs, allowing discontinuance of performing venting surveillance required by Tech Spec 4.5.2. "Islands Containment." Commonwealth Edison Co. 90/03/12 18pp 53123 070-53123 076

-9003220219 Application for amendments to Licenses NPF-37, NPF-66, NPF-72 & NPF-77 changing Tech Spec 4.5.2 to modify existing surveillance requirements for venting of ECCS equipment, reducing significant exposure to radiation. HIGH-ADDER S.C. Commonwealth Edison Co. 69/03/17 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post: 870411). 2pp 53123 077-53123 078

-9003220220 Proposed Tech Spec 4.5.2, modifying existing surveillance requirements for venting of ECCS equipment & reducing significant exposure to radiation in accordance with ALARA guidelines w/o reducing safe operation of ECCS equipment. Commonwealth Edison Co. 89/03/17 8pp 53123 079-53123 086

9003200352 Approves request for use of B&W & Westinghouse steam generator plugs mfg w/incl base a/cy ASME Disposition SB-155/Atty 690) as alternative to use of Atty 690. SHENK, S.K. Project Directorate II-2 90/03/14 KOVACH, T.J. Commonwealth Edison Co. 1p 53071 226-53071 226

9003140089 General Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in General Ltr 83-28 Item 2.2 Part 2. "Vendor Interface for Safety-Related Components." Svc list encl. PARTLOW, J.G. Associate Director for Projects (Post: 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 5pp 53195 014-53195 069.

#### Q. Inspection reports, IE Bulletins & correspondence

9002220465 Responds to NRC Bulletin 88-009 re in-plant tube thinning. Thimble tube nps performed using eddy current testing methodology & performed at every refueling outage until sufficient data accumulated to generate correlation. SCHUSTER, T.K. Commonwealth Edison Co. 90/02/09 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post: 870411). 3pp 52713 350-52713 334

9003020007 Responds to concerns noted in Insp Repts 50-456/88-24, 50-457/88-24, 50-454/88-15, 50-455/88-14, 50-237/88-20, 50-249/88-21, 50-373/88-23, 50-374/88-22, 50-254/88-22, 50-265/88-22, 50-295/88-17 & 50-304/88-17. KOVACH, T.J. Commonwealth Edison Co. 90/02/15 DAVIS, A.B. Region 3, Ofc of the Director. 2pp 52798 248-52798 249.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). 90/02/23 Consolidated Edison Co. of New York, Inc. 9pp 52776 262-52776 360

9003120449 Forwards Safety Insp Repts 50-454/90-03 & 50-455/90-02 on 900101-0216 No violations noted. SHAFER, W.D. Region 3, Ofc of the Director 90/02/23. REED, C. Commonwealth Edison Co. 2pp 52969 325-52969 343.

-9003120454 Safety Insp Repts 50-454/90-03 & 50-455/90-02 on 900101-0216 No violations noted. Major areas inspected: operational safety, reactor startup, Unit 1 refuel outage, onsite event followup & radiological controls. CLAYTON, B. Region 3, Ofc of the Director 90/02/23. 17pp 52569 327-52569 343

9002230283 NRC Info Notice 90-011, "Main: Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp 52844-001-52844-009.

9003050175 Partial response to FOIA request for records App W records encl & available in FDR. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post: 690205). 90/03/01. PEPPERMAN, D.R. Blecher & Collins. 2pp 52793 287-52794 103

9003010172 NRC Info Notice 90-015, "Respectfully Notification of Agreement: Control Directors Before Beginning Work in Agreement States." CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/07 Consolidated Edison Co. of New York, Inc. 9pp 52937 042-52937 045

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning. 870413. 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52935 019

9003010293 Svc list encl 2 to NRC, Info Notice 89-059, "Suppliers of Potential Fasteners." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 269

9003020211 NRC Info Notice 90-017, "Weight & Circ of Gravity Discrepancies in Volcanic Valves." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). Consolidated Edison Co. of New York, Inc. 104pp 52963 096-52963 159

9003190351 Forwards Safety Insps 50-454/90-06 & 50-455/90-05 on 900212-15 violations noted. GREGG, L.R. Region 3, Ofc of the Director. 90/03/08. REED, C. Consolidated Edison Co. 2pp 53068 020-53068 030

-9003190354 Insp Repts 50-454/90-06 & 50-455/90-05 on 900212-15 noted Major areas inspected: containment measurements, including review (IP 02701) audits & surveillance & implementation of QA. JANUSKA, A.G. Region 3, Ofc of the Director 90/03/08. 9pp 53068 030

9003050043 NRC Info Notice 90-010, "Potential Problems W/ Cross-Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). Consolidated Edison Co. of New York, Inc. 100pp 52963 200-52963 299

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). Consolidated Edison Co. of New York, Inc. 109pp 52963 300-52964 048

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Volcanic Recirculation Spray at PWR Facilities." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). Consolidated Edison Co. of New York, Inc. 98pp 52997 190-52997 267

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Bow." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). Consolidated Edison Co. of New York, Inc. 98pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injures Resulting From Radiation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety. 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp 53165 057

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor Operated Valves to Operate Because Valve Seat Friction Was Underestimated." ROSSICE, Division of Operational Events Assessment (Post: 870411). Consolidated Edison Co. of New York, Inc. 100pp 53132 031-53132 10

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actual Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSICE, Division of Operational Events Assessment (Post: 870411). Consolidated Edison Co. of New York, Inc. 102pp 53165 007-53165 10

#### R. Periodic operating reports & related correspondence

9003090097 "Effluent & Waste Disposal Semiannual Rpt for Jul-Dec 1989." Svc list encl. PLENIEWICZ, R. Commonwealth Edison Co. 89/12/31. 31pp 52926 14

9003150257 "Byron Nuclear Power Station Annual 10CFR50.59 Rpt 1989." Svc list encl. PLENIEWICZ, R. Commonwealth Edison Co. 89/12/31. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post: 870411). 72pp 53022 117-53022

9002270428 Monthly performance reports for Jan 1989 for Byron Station, Units 1 & 2. W/000212 ltr. ORRIS, K. PLENIEWICZ, R. Commonwealth Edison Co. 90/01/31. 14 52756 175

9003050213 Forwards errata to radioactive effluent rpt for Jan-June that Sr-89, Sr-90 & Fe-55 analysis for liquid & gaseous effluents from vendor. PLENIEWICZ, R. Commonwealth Edison Co. 90/02/07. Document (Document Control Desk). 2pp 52851 145-52851 148

03060219 Errata to radioactive effluent rept for Jan-June 1989 re vent stack releases & liquid effluents

Commonwealth Edison Co. 89/06/30 2pp 52851 147-52851.149

3090471 Forwards occupational radiation exposure portions of plant operating repts 1989

ESCEK, F. Commonwealth Edison Co. 90/02/20 DAVIS, A.B. Region 3, Ofc of the Director 1p 52965 206-52965 218

03090488 "Number of Personnel & Person-Hour by Work & Job Function for 1989"

1/500205 1tr  
PLENIEWICZ, R. Commonwealth Edison Co. 89/12/31 DAVIS, A.B. Region 3, Ofc of the Director 2pp 52965 215-52965 216

3200145 Monthly operating repts for Feb 1990 for Byron Nuclear Power Station Units 1 & 2, W/900312 1tr

PLENIEWICZ, R. Commonwealth Edison Co. 90/02/28 14pp 53078 316-53078 029

#### Reportable occurrences, LERs & related correspondence

2160188 Part 21 rept re backup rings furnished in spare parts seal kits & in 25 GPM way valves as part of actuators made of incorrect material rings should be Viton & have been identified as Buna N

ECHT, W.G. Anchor/Darling Valve Co. (subs. of Anchor/Darling Industries, Inc.) 1/01/26, Ofc of Enforcement (Post 870413) 2pp 52896 049-52896 050

#### UNIT STN-50-456 BRAIDWOOD STATION, UNIT 1

#### Security, medical, emergency & fire protection plans

0500033 Rev 3 to EP&P EP-EQF-18, "Common color"

EDISON R.L. Commonwealth Edison Co. 89/11/29 22pp 52825 068-52825 089

220514 Revised EPIPs including Rev 3 to BwZP 300-8, Rev 1 to BwZP 300-2, Rev 15 to BwZP 600-1A2, Rev 16 to BwZP 600-1A3, Rev 15 to BwZP 600-1A4 & Rev 17 to BwZP 600-3, BwZP 600-3A1, BwZP 600-3A2, BwZP 600-3A3 & BwZP 600-4

Commonwealth Edison Co. 90/01/29 43pp 52706 085-52706 127

270116 Forwards Safeguards Insp Repts 50-456/90-03 & 50-457/90-03 on 0122-26 & notice of violation Rept details & notice of violation withheld (ref CFR73 21)

GREGG, L.R. Region 3, Ofc of the Director 90/02/13 REED, C. Commonwealth Edison Co. 2pp 52745 103-52745 106

2270120 Partially withheld Physical Security Insp Repts 50-456/90-03 & 50-457/90-03 on 900122-26 (ref 10CFR73 21) Violations noted Major areas inspected land vehicle bomb contingency procedure verification & records & rept

LANGER, J.L., CHRISTOFFER, G., CREED, J.R. Region 3, Ofc of the Director 90/02/13 2pp 52745 105-52745 106

090071 Revised EPIPs including Rev 4 to ED-4, Rev 7 to ED-19, Rev 3 to ED-1, Rev 6 to ED-24, Rev 5 to ED-30, Rev 2 to ED-31 & Rev 6 to ED-28

AGUSON, B.S. Commonwealth Edison Co. 90/02/21 87pp 52950 180-52950 286

260130 Rev 7 to EP&P EG-2, "Use of Commonwealth Edison Co. & IDNS Monitoring Maps" W/ six oversize drawings

KEIR, A.J., GOLDEN, J.C., JOHNSON, J.M. Commonwealth Edison Co. 90/03/12 p. 53189:161-53189 170

#### Operating license stage documents & correspondence

160171 "Don'tifies" licensees requesting delays in submitting individual plant exam results

VLOR, J.M. Ofc of the Executive Director for Operations SECY-90-039 90/02/07 p. 53045:355-53045 358

260559 Suppls 090731.0915.1030 & 1215 responses re employees notifying NRC potential safety issues Labor settlement agreements for UTI personnel did not read any restrictive clauses that would hinder employees from notifying NRC

CHTER, M.H. Commonwealth Edison Co. 90/02/15 Project Directorate III-2 2pp 753:337-52753 308

260178 Supplemental application for amendments to Licenses NPF-72 & NPF-77, containing info submitted in 89/01/19 for use of VANTAGE 5 fuel or combination of VANTAGE 5 fuel & optimized fuel assembly core at plant

NSADER, S.C. Commonwealth Edison Co. 90/02/16 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 9pp 52739:088-52739 077

2260178 Proposed Tech Specs revising Table 2-2-1 re power cycles

Commonwealth Edison Co. 90/02/18 1p 52739:077-52739 077

070048 Forwards revised PHOENIX-P/ANC benchmark scope to replace existing I&K & 2D codes used to perform neutron analysis for PWR reload designs Codes coded to be used in Dec 1990 for Cycle 3 design calculations

JADY, J.A. Commonwealth Edison Co. 90/02/21 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 4pp 52889:340-52889 343

080209 Approves until 900214 request for use of B&W steam generator plugs w/ alloy 690 as alternative to Alloy 600 Alternate material is nickel-base alloy (ASME Design SB-166)

EMANSKI, P.C. Project Directorate III-2 90/02/26 KOVACH, T.J. Commonwealth Edison Co. 4pp 52806:333-52806 336

1140315 Provides info re high density fuel storage rack blackness testing for NRC view & acceptance & advises that schedule to perform blackness testing within 2 weeks of placing racks in svc reflects relevant testing schedule on Boralex

NSADER, S.C. Commonwealth Edison Co. 90/02/27 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 4pp 53024:057-53024 060

1130757 Forwards request for addl info re elimination of dynamic effects of postulated pipe ruptures in reactor coolant bypass & accumulator piping from design basis

EMANSKI, P.C. Project Directorate III-2 80/03/05 KOVACH, T.J. Commonwealth Edison Co. 5pp 52895:188-52895 203

9003220188 Provides results of completion of reviews & addresses addl info requested by NRC re 890317 application for amendments to Licenses NPF-37, NPF-66, NPF-72 & NPF-77 to change Tech Spec 4.5.2 supplemented on 880825 & 890925-27 meetings

HLNSADER, S.C. Commonwealth Edison Co. 90/03/12 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 23pp 53123:040-53123 086

9003220180 Revised proposed Tech Specs allowing discontinuance of performing venting surveillance required by Tech Spec 4.5.2, "Inside Containment"

Commonwealth Edison Co. 90/03/12 18pp 53123:070-53123 076

9003220219 Application for amendments to Licenses NPF-37, NPF-66, NPF-72 & NPF-77, changing Tech Spec 4.5.2 to modify existing surveillance requirements for venting of FCCS equipment, reducing significant exposure to radiation

HLNSADER, S.C. Commonwealth Edison Co. 89/03/17 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 2pp 53123:077-53123 078

9003220220 Proposed Tech Spec 4.5.2 modifying existing surveillance requirements for venting of ECCS equipment & reducing significant exposure to radiation in accordance w/ ANSAS guidelines w/o reducing safe operation of ECCS equipment

Commonwealth Edison Co. 89/03/17 1pp 53123:079-53123 086

9003200352 Approves request for use of B&W & Westinghouse steam generator plugs mfg w/ nickel-base alloy (ASME Designation SB-155/Alloy 690) as alternative to use of Alloy 600

EMANSKI, P.C. Project Directorate III-2 90/03/14 KOVACH, T.J. Commonwealth Edison Co. 1p 53071:236-53071 236

9003140089 General Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2 Part 2, "Vendor Interface for Safety-Related Components" Svc list encl

PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195:014-53195 069

#### Q. Inspection reports, IE Bulletins & correspondence

9002270015 Forwards Safety Insp Repts 50-456/90-05 & 50-457/90-05 on 900122-25 No violations noted

GREGG, L.R. Region 3, Ofc of the Director 90/02/13 REED, C. Commonwealth Edison Co. 2pp 52748 249-52748 259

9002270016 Insp Repts 50-456/90-05 & 50-457/90-05 on 900122-25 & 0205-06 No violations or deviations identified Major areas inspected review of open item & violation, audits & surveillance & post-accident sample analyses

JANUSKA, A.G., HOUSE, J.E., SCHUMACHER, M.C. Region 3, Ofc of the Director 90/02/13 9pp 52748 251-52748 259

9002270116 Forwards Safeguards Insp Repts 50-456/90-03 & 50-457/90-03 on 900122-26 & notice of violation Rept details & notice of violation withheld (ref 10CFR73 21)

GREGG, L.R. Region 3, Ofc of the Director 90/02/13 REED, C. Commonwealth Edison Co. 2pp 52745 103-52745 106

9002270120 Partially withheld Physical Security Insp Repts 50-456/90-03 & 50-457/90-03 on 900122-26 (ref 10CFR73 21) Violations noted Major areas inspected land vehicle bomb contingency procedure verification & records & rept

LANGER, J.L., CHRISTOFFER, G., CREED, J.R. Region 3, Ofc of the Director 90/02/13 2pp 52745 105-52745 106

9003020007 Responds to concerns noted in Insp Repts 50-456/88-24, 50-457/88-24, 50-454/88-15, 50-455/88-14, 50-237/88-20, 50-249/88-21, 50-373/88-23, 50-374/88-22, 50-254/88-22, 50-265/88-22, 50-285/88-17 & 50-304/88-17

KOVACH, T.J. Commonwealth Edison Co. 90/02/15 DAVIS, A.B. Region 3, Ofc of the Director 2pp 52708:248-52708 249

9002270008 Forwards Safety Insp Repts 50-456/90-02 & 50-457/90-02 on 900116-31 & notice of violation Insp focused on mods & design changes implemented during Unit 1 refueling outage

WRIGHT, G.C. Region 3, Ofc of the Director 90/02/16 REED, C. Commonwealth Edison Co. 2pp 52758:304-52758 319

9002270009 Notice of violation from Insp on 900116-31 Violation noted failure to perform design & analysis & seismic evaluation & failure to determine that duct suitable for safety-related application

WRIGHT, G.C. Region 3, Ofc of the Director 90/02/16 2pp 52758:306-52758 307

9002270011 Insp Repts 50-456/90-02 & 50-457/90-02 on 900116-31 No violations noted Major areas inspected, mods & design changes implemented during Unit 1 refueling outage

RESCHESKE, P.R., LOUGHEED, V.P., PHILLIPS, M.P. Region 3, Ofc of the Director 90/02/15 12pp 52758:308-52758 319

9003060088 Forwards Safety Insp Repts 50-456/80-32 & 50-457/89-30 on 891217-800131 No violations noted

SHAFER, W.D. Region 3, Ofc of the Director 90/02/18 REED, C. Commonwealth Edison Co. 2pp 52856:128-52856 147

9003060090 Safety Insp Repts 50-456/89-32 & 50-457/89-30 on 891217-800131 No violations or deviations noted Major areas inspected LER review, regional request, followup on temporary instructions & cold weather preparations

CLAYTON, B. Region 3, Ofc of the Director 90/02/18 18pp 52856:130-52856 147

9002180083 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 800" Svc list encl

ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776:282-52776 360

9003050095 Forwards SALP IX Input for Feb 1989 - Jan 1990, per 800123 memo Unit did not exhibit good performance in planning some high priority licensing actions including NRC decision date re spent fuel pool expansion

SANDS, S.P. Project Directorate III-2 80/02/27 GREENMAN, E.G. Region 3, Ofc of the Director 6pp 52835:083-52835 088

## 244 DOCKETED ITEMS

9002230283 NRC info Notice 90-011, "Main Deficiency Associated W/ Sealed Oper-  
ated Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/28  
Consolidated Edison Co. of New York, Inc. 9ppp 52776 163-52776 261

9002230379 NRC info Notice 90-012, "Monitoring or Interruption of Plant Communica-  
tions" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/28  
Consolidated Edison Co. of New York, Inc. 5ppp 52844 001-52844 099

9003050175 Partial response to FOIA request for records App W records encl & avail-  
able in PDR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post  
890265) 9/30/01 PEPPERMAN, D.R. Becker & Collins 2pp 52793 297-52794 103

-8009160653 Forwards response to IE Bulletin 76-10, "Bergen Paterson Hydraulic  
Shock Suppressor Accumulator Spring Coils" No Bergen Paterson shutters installed  
at Dresden 2 on LaSalle County, Byron of Braidwood facilities  
REED, C. Commonwealth Edison Co. 78/06/08 KEPPER, J.G. Region III, IE (720101-  
810226) 10pp 52794 104-52794 113

9002270399 NRC info Notice 90-013, "Importance of Review & Analysis of Safeguards  
Event Logs" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/05  
Consolidated Edison Co. of New York, Inc. 9ppp 52844 100-52844 198

9002280081 NRC info Notice 90-014, "Accidental Disposal of Radioactive Materials" Svc  
list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
9/30/06 Consolidated Edison Co. of New York, Inc. 8ppp 52997 001-52997 094

9003010172 NRC info Notice 90-015, "Reciprocity Notification of Agreement State Radi-  
ation Control Directors Before Beginning Work in Agreement States" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
9/30/07 Consolidated Edison Co. of New York, Inc. 9ppp 52997 035-52997 169

9003010227 NRC info Notice 90-016, "Compliance W/New Decommissioning Rule"  
Svc list encl  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post  
870413) 9/30/07 Consolidated Edison Co. of New York, Inc. 9ppp 52997 288-  
52999 018

9003010293 Suppl 2 to NRC info Notice 89-059, "Suppliers of Potential Misrepresent-  
ed Fasteners" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/07  
Consolidated Edison Co. of New York, Inc. 10ppp 52844 199-52844 298

9003020211 NRC info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes-  
tuck Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/08  
Consolidated Edison Co. of New York, Inc. 10ppp 52963 096-52963 199

9003050043 NRC info Notice 90-018, "Potential Problems W/Crosby Safety Relief  
Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/09  
Consolidated Edison Co. of New York, Inc. 10ppp 52953 200-52953 299

9003050148 NRC Bulletin 90-001, "Loss of Field in Transmitters Mfg by Rosemount"  
Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/09  
Consolidated Edison Co. of New York, Inc. 10ppp 52963 330-52964 048

9003220092 Forwards "Braidwood Nuclear Station Unit 1 Inservice Insp Summary  
Rept, Interval 1, Period 1, Outage 1"  
HUNSADER, S.C. Commonwealth Edison Co. 90/03/12 MURLEY, T.E. Office of Nu-  
clear Reactor Regulation, Director (Post 870411) 1p 53124 249-53125 318

-9003220142 "Braidwood Nuclear Station Unit 1 Inservice Insp Summary Rept, Interval  
1, Period 1, Outage 1"  
Commonwealth Edison Co. 90/03/12 42ppp 53124 250-53125 318

9003080213 NRC info Notice 90-019, "Potential Loss of Effective Vol for Containment  
Recirculation Spray at PWR Facilities" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/14  
Consolidated Edison Co. of New York, Inc. 8ppp 52997 190-52997 287

9003200055 Forwards response to Insp Repts 50-458/90-03 & 50-457/90-03 on  
900122-26 Encl withheld (ref 10CFR73.21)  
KOVACH, T.J. Commonwealth Edison Co. 90/03/14 DAVIS, A.B. Region 3, Ofc of the  
Director 1p 53496 001-53496 001

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box  
Box" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/20  
Consolidated Edison Co. of New York, Inc. 9ppp 53035 129-53035 228

9003160224 NRC info Notice 90-020, "Personnel Injuries Resulting From Improper Op-  
eration of Radwaste Incinerators" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729)  
9/30/22 Consolidated Edison Co. of New York, Inc. 9ppp 53166 057-53166 147

9003160306 NRC info Notice 90-021, "Potential Failure of Motor-Operated Butterfly  
Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/22  
Consolidated Edison Co. of New York, Inc. 10ppp 53132 001-53132 100

9003190349 NRC info Notice 90-022, "Unanticipated Equipment Actuations Following  
Restoration of Power to Rosemount Transmitter Trip Units" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9/30/23  
Consolidated Edison Co. of New York, Inc. 10ppp 53165 007-53165 108

### R. Periodic operating reports & related correspondence

9002280572 "Semiannual Effluent Rept for Jul to Dec 1989" W/900214 ltr.  
QUERIO, R.E. Commonwealth Edison Co. 89/12/31. 28pp. 52753 278-52753 308

9003090089 Monthly operating repts for Jan 1990 for Braidwood Nuclear Power  
Station, Units 1 & 2 W/900209 ltr.  
PETERSON, M.W., QUERIO, R.E. Commonwealth Edison Co. 90/01/31. 11p  
52949 034-52949 047

9003090471 Forwards occupational radiation exposure portions of plant operating re-  
ports for 1989.  
RESCEK, F. Commonwealth Edison Co. 90/02/20. DAVIS, A.B. Region 3, Ofc of the  
Director 1p 52966 206-52966 218

-9003090490 "Number of Personnel & Person-Room by Work & Job Function for 1989"  
W/900215 ltr.  
QUERIO, R.E. Commonwealth Edison Co. 89/12/31 DAVIS, A.B. Region 3, Ofc of the  
Director 2pp 52966 217-52966 218

### S. Reportable occurrences, LERs & related correspondence

9002160186 Part 21 re: re backup rings furnished in spare parts seal kits & in 50-458  
& 50-457 as part of actuators made of incorrect material. Rings should be 316L  
but were identified as 304L.  
KHECHIT, W.G. Anchor/Darling Valve Co (subs of Anchor/Darling Industries Inc.)  
90/01/26. Ofc of Enforcement (Post 870413) 2pp 52895 049-52895 050

### V. Operator Examinations

9003220103 Documents NRC understanding of requalification exam process to be ad-  
ministered at plant during wks of 900402 & 09 Format to be employed at plant  
operating exams will differ from previous NRC administered exams in listed spec-  
ifications  
WRIGHT, G.C. Region 3, Ofc of the Director 90/03/12 QUERIO, R.E. Commonweal-  
th Edison Co. 2pp 53165 277-53165 278

### DOCKET STN-50-467 BRAIDWOOD STATION, UNIT 2

### F. Safety, medical, emergency & fire protection plans

9003050033 Rev 3 to EP-EP-EO-18, "Communicator"  
CARSON, R.L. Commonwealth Edison Co. 89/11/29. 22pp 52825 068-52825 063

9002220514 Revised EIPs, including Rev 3 to BwZP 300-8, Rev 1 to BwZP 300-  
8A2, Rev 15 to BwZP 600-1A2, Rev 16 to BwZP 600-1A3, Rev 15 to BwZP 600-1A4, Rev  
17 to BwZP 600-3, BwZP 600-3A1, BwZP 600-3A2, BwZP 600-3A3 & BwZP 600-  
3A4  
Commonwealth Edison Co. 90/01/29 43pp 52706 085-52706 127

9002270116 Forwards Safeguards Insp Repts 50-456/90-03 & 50-457/90-03  
900122-26 & notice of violation Rept details & notice of violation withheld  
(ref 10CFR73.21)  
GREGG, L.R. Region 3, Ofc of the Director 90/02/13 REED, C. Commonweal-  
th Edison Co. 2pp 52745 103-52745 106

-9002270120 Partially withhold Physical Security Insp Repts 50-456/90-03 & 50-457/  
90-03 on 900122-26 (ref 10CFR73.21) Violations noted Major areas inspected and  
vehicle bomb contingency procedure violation & records & repts  
BELANGER, J.L. Region 3, Ofc of the Director 90/02/13. 2pp 52745 105-52745 106

9003090071 Revised EIPs, including Rev 4 to ED-4, Rev 7 to ED-19, Rev 3 to ED-  
21, Rev 5 to ED-24, Rev 5 to ED-30, Rev 7 to ED-31 & Rev 6 to ED-28  
FERGUSON, B.S. Commonwealth Edison Co. 90/02/21. 87pp. 52950 190-52950 295

9003260130 Rev 7 to EP-EG-2, "Use of Commonwealth Edison Co. & DHS Manu-  
facturing Maps" W/six oversize drawings  
MOLKEIR, A.J., GOLDEN, J.C., JOHNSON, I.M. Commonwealth Edison Co. 90/03/12  
9pp 53189 161-53189 170

### P. Operating license stage documents & correspondence

9002160171 Identifies licensee's request for delays in submitting individual plant exam re-  
sults  
TAYLOR, J.M. Ofc of the Executive Director for Operations. SECY-90-039. 90/02/27  
4pp. 53045 355-53045 358

9002260559 Suppl 890731, 0915, 1030 & 1215 responses re employees notifying NRC  
of potential safety issues Labor settlement agreements for all personnel did not  
reveal any restrictive clauses that would hinder employees from notifying NRC  
RICHTER, M.H. Commonwealth Edison Co. 90/02/15. Project Directorate III-2 2pp  
52753 307-52753 308

9002260178 Supplemental application for amendments to Licenses NPF-72 & NPF-77 cor-  
recting info submitted in 891019 ltr re use of VANTAGE 5 fuel or combination of VAN-  
TAGE 5 fuel & optimized fuel assembly core at plant  
HUNSADER, S.C. Commonwealth Edison Co. 90/02/18 MURLEY, T.E. Office of Nu-  
clear Reactor Regulation, Director (Post 870411) 9pp 52739 068-52739 077

-9002260178 Proposed Tech Specs revising Table 2-2.1 re power cycles.  
Commonwealth Edison Co. 90/02/18. 1p 52739 077-52739 077

9003080299 Approves until 900214 request for use of B&W steam generator plugs w/  
Alloy 690 as alternative to Alloy 600 Alternate mat is nickel-base alloy (ASME Desig-  
nation SB-166)  
SHEMANSKI, P.C. Project Directorate III-2. 90/02/26 KOVACH, T.J. Commonweal-  
th Edison Co. 4pp. 52908 333-52908 338

9003140315 Provides info re high density fuel storage rack blackness testing for NRC  
review & acceptance & advises that schedule to perform blackness testing within 2  
yrs of placing racks in svc reflects relevant testing schedule on BORAFLEX  
HUNSADER, S.C. Commonwealth Edison Co. 90/02/27 MURLEY, T.E. Office of Nu-  
clear Reactor Regulation, Director (Post 870411) 4pp. 53024 057-53024 060

3130757 Forwards request for addl info re elimination of dynamic effects of postulated pipe ruptures in reactor coolant bypass & accumulator piping from design basis HEMANSKI, P.C. Project Directorate III-2 90/03/05 KOVACH, T.J. Commonwealth Edison Co. 5pp. 52995:198-52995:203.

3220188 Provides results of completed unit reviews & addresses addl info requested by NRC re 890317 application for amendments to Licenses NPF-37, NPF-66, NPF-72 & PF-77 to change Tech Spec 4.5.2 supplemented on 890825 & 890925-27 meetings UNSADER, S.C. Commonwealth Edison Co. 80/03/12. MURLEY, T.E. Office of Nuclear Reactor Regulation Director (Post 870411). 29pp. 53123 040-53123 086.

3220190 Revised proposed Tech Specs, allowing discontinuance of performing unit surveillance area required by Tech Spec 4.5.2, "Inside Containment." Commonwealth Edison Co. 90/03/12. 18pp. 53123 070-53123 076.

3220219 Application for amendments to Licenses NPF-37, NPF-66, NPF-72 & NPF-72, changing Tech Spec 4.5.2 to modify existing surveillance requirements for venting IECCS equipment, reducing significant exposure to radiation. UNSADER, S.C. Commonwealth Edison Co. 89/03/17. MURLEY, T.E. Office of Nuclear Reactor Regulation Director (Post 870411). 2pp. 53123 077-53123 078.

3220220 Proposed Tech Spec 4.5.2 modifying existing surveillance requirements for venting of IECCS equipment & reducing significant exposure to radiation in accordance w/ALARA guidelines w/o reducing safe operation of IECCS equipment. Commonwealth Edison Co. 89/03/17. 8pp. 53123 078-53123 086.

3200352 Approves request for use of B&W & Westinghouse steam generator plugs lig w/nickel base alloy (ASME Designation SG-155/Alloy 690) as alternative to use of Alloy 600. HEMANSKI, P.C. Project Directorate III-2 90/03/14. KOVACH, T.J. Commonwealth Edison Co. 1p. 53071-236-53071-236.

3140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl. ARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp. 53195 014-53195 069.

#### inspection reports, IE Bulletins & correspondence

2270015 Forwards Safety Insp Repts 50-456/90-05 & 50-457/90-05 on 900122-51 No violations noted. REGER, L.R. Region 3, Ofc of the Director. 90/02/13. REED, C. Commonwealth Edison Co. 2pp. 52748:249-52748 259.

02270016 Insp Repts 50-456/90-05 & 50-457/90-05 on 900122-25 & 0205 08 No callouts or deviations noted. Major areas inspected: review of open item & action, audits & surveillances & post-accident sample analyses. ANJSA, A.G., HOUSE, J.E., SCHUMACHER, M.C. Region 3, Ofc of the Director. 90/2/13. 9pp. 52748 251-52748 259.

2270118 Forwards Safeguards Insp Repts 50-456/90-03 & 50-457/90-03 on 90122-26 & notice of violation Rept details & notice of violation withheld (ref 10CFR73.21). REGER, L.R. Region 3, Ofc of the Director. 90/02/13. REED, C. Commonwealth Edison Co. 2pp. 52745 103-52745 108.

02270120 Partially withheld Physical Security Insp Repts 50-456/90-03 & 50-457/90-03 on 900122-26 (ref 10CFR73.21). Violations noted: Major areas inspected: land site bomb contingency procedure verification & records & reports. ELANGER, J.L., CHRISTOFFER, G., CREED, J.R. Region 3, Ofc of the Director. 90/2/13. 2pp. 52745 105-52745 106.

3020007 Responds to concerns noted in Insp Repts 50-456/88-24, 50-457/88-45, 50-454/88-15, 50-455/88-14, 50-237/88-20, 50-240/88-21, 50-373/88-23, 50-374/88-26, 50-254/88-22, 50-265/88-22, 50-295/88-17 & 50-304/88-17. KOVACH, T.J. Commonwealth Edison Co. 90/02/15. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52798:248-52798 249.

2270008 Forwards Safety Insp Repts 50-456/90-02 & 50-457/90-02 on 900116-31 notice of violation Insp focused on mods & design changes implemented during Unit refueling outage. RIGHT, G.C. Region 3, Ofc of the Director. 90/02/16. REED, C. Commonwealth Edison Co. 2pp. 52758:304-52758 319.

02270009 Notice of violation from Insp on 900116-31 Violation noted: failure to perform design & analysis & seismic evaluation & failure to determine that dode suitable for safety-related application. RIGHT, G.C. Region 3, Ofc of the Director. 90/02/16. 2pp. 52758:306-52758 307.

02270011 Insp Repts 50-456/90-02 & 50-457/90-02 on 900116-31. No violations noted. Major areas inspected: mods & design changes implemented during Unit 1 refueling outage. IESCHESKE, P.R., LOUGHEED, V.P., PHILLIPS, M.P. Region 3, Ofc of the Director. 0/02/16. 12pp. 52758:308-52758 319.

03060088 Forwards Safety Insp Repts 50-456/89-32 & 50-457/89-30 on 891217-00131. No violations noted. HAFER, W.D. Region 3, Ofc of the Director. 90/02/18. REED, C. Commonwealth Edison Co. 2pp. 52858:128-52858 147.

03060090 Safety Insp Repts 50-456/89-32 & 50-457/89-30 on 891217-00131. No violations or deviations noted. Major areas inspected: LER review, regional request, followup on temporary instructions & cold weather preparations. LAYTON, B. Region 3, Ofc of the Director. 90/02/18. 18pp. 52858:130-52858 147.

02160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776:262-52776 360.

03050095 Forwards SALP IX input for Feb 1989 - Jan 1990, per 900123 memo. Unit did not exhibit good performance in planning some high priority licensing actions including JRC decision date re spent fuel pool expansion. SANDS, S.P. Project Directorate III-2. 90/02/27. GREENMAN, E.G. Region 3, Ofc of the Director. 6pp. 52835:083-52835 088.

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52778:163-52778 261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844:001-52844 099.

9003050175 Partial response to FOIA request for records App W records encl & available in PDF. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/01. PEPPERMAN, D.R. Blecher & Collins. 2pp. 52793 297-52794 103.

-8009160653 Forwards response to IE Bulletin 78-10, "Bergen-Paterson Hydraulic Shock Suppressor Accumulator Spring Coils." No Bergen-Paterson snubbers installed at Dresden, Zion, LaSalle County, Byron or Braidwood facilities. REED, C. Commonwealth Edison Co. 78/08/08. KEPPLER, J.G. Region III, IE (720101-810228). 10pp. 52794:104-52794 113.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 98pp. 52844:100-52844 188.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/08. Consolidated Edison Co. of New York, Inc. 88pp. 52997:001-52997 094.

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997:095-52997 189.

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997 288-52998 018.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844:199-52844 288.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copeland Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963:096-52963 199.

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963:200-52963 299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52063:300-52064 048.

9003220092 Forwards "Braidwood Nuclear Station Unit 1 Inservice Insp Summary Rept, Interval 1, Period 1, Outage 1." UNSADER, S.C. Commonwealth Edison Co. 90/03/12. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 53124:249-53125 318.

-9003220142 "Braidwood Nuclear Station Unit 1 Inservice Insp Summary Rept, Interval 1, Period 1, Outage 1." Commonwealth Edison Co. 90/03/12. 429pp. 53124:250-53125 318.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997:190-52997 287.

9003200055 Forwards response to Insp Repts 50-456/90-03 & 50-457/90-03 on 900122-26. Encl withheld (ref 10CFR73.21). KOVACH, T.J. Commonwealth Edison Co. 90/03/14. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 53496:001-53496 001.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035:129-53035 226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53168:057-53168 147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132:001-53132 100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165:007-53165 108.

#### Fl. Periodic operating reports & related correspondence

9002260572 "Semiannual Effluent Rept for Jul to Dec 1989." W/900214 ltr. QUERIO, R.E. Commonwealth Edison Co. 89/12/31. 28pp. 52753:279-52753 308.



9003090089 Monthly operating reports for Jan 1990 for Bradwood Nuclear Power Station, Units 1 & 2 W/900209 ltr  
PETERSON, M.W. QUERIORE Commonwealth Edison Co. 8/30/1/31 14pp  
52949 034-52949 047.

9003090471 Forwards occupational radiation exposure portions of plant operating reports for 1989.  
RSCCK, F. Commonwealth Edison Co. 9/02/20 DAVIS, A.B. Region 4, Ofc of the Director 1p. 52966 206-52966 218

-9003090490 "Number of Personnel and Person-Rem by Work & Job Function for 1989"  
W/900215 ltr  
QUERIORE, Commonwealth Edison Co. 8/9/12/31 DAVIS, A.B. Region 3, Ofc of the Director 2pp. 52966 217-52966 218

#### S. Reportable occurrences, LERs & related correspondence

9002160186 Part 21 rept re backup rings furnished in spare parts seal kits & in 25 GPM 4 way valves as part of actuators made of incorrect matl Rings should be Viten & have been identified as Buna N  
KNECHT, W.G. Anchor/Darling Valve Co (subs of Anchor/Darling Industries, Inc.) 9/01/1/26 Ofc of Enforcement (Post 870413) 2pp 52896 049-52896 050

#### V. Operator Examinations

9003220103 Documents NRC understanding of requalification exam process to be administered at plant during wks of 900402 & 03. Format to be employed at plant for operating exams w/1 defect from previous NRC administered exams in listed spec'c features.  
WRIGHT, G.C. Region 3, Ofc of the Director. 9/03/12 QUERIORE Commonwealth Edison Co. 2pp 53165 277-53165 278

#### DOCKET 50-458 RIVER BEND STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9003070179 Forwards 900222 emergency planning exercise scenario containing exercise objectives, observer info narrative summary, onsite messages including expected player actions & radiological info W/o encl.  
BOOKER, J.E. Gulf States Utilities Co. 8/9/12/26 Document Control Branch (Document Control Desk) 2pp 52888 008-52888 009

9003020044 Advises that 891027 changes to emergency plan acceptable  
COLLINS, S.J. Region 4, Ofc of the Director 9/02/23 DEDDENS, J.C. Gulf States Utilities Co. 3pp 52789 303-52789 305

9003120610 Forwards Insp Rept 50-458/90-02 on 900122-26 Violations noted re safety consequences of operating beyond assumptions in fire hazards analysis but citation will not be issued  
COLLINS, S.J. Region 4, Ofc of the Director 9/02/26 DEDDENS, J.C. Gulf States Utilities Co. 3pp 52998 338-52998 349

-9003120617 Insp Rept 50-458/90-02 on 900122-26 Noncited violation noted re implementation of controls per fire hazards analysis. Major areas inspected post-fire safe shutdown capability & compliance of fire protection program w/10CFR50, App R  
JOHNSON, C.E., SINGH, A., MURPHY, M.E. Region 4, Ofc of the Director 9/02/21 12pp 52998 338-52998 349

9003190084 Notification of enforcement conference at Region IV ofc on 900313 to discuss fire hazards analysis & licensee compliance w/ fire protection program described in Insp Rept 50-458/90-02 dtd 900226  
CONSTABLE, G.L. Region 4, Ofc of the Director. 9/03/06 Region 4, Ofc of the Director 2pp 53047 261-53047 262

9003260194 Ack receipt of scenario for 1990 emergency preparedness exercise  
COLLINS, S.J. Region 4, Ofc of the Director. 9/03/06 DEDDENS, J.C. Gulf States Utilities Co. 3pp 53148 355-53148 357

9003190066 Forwards notice of violation & synopsis from Rept of Investigation 4-88-027 identifying violation of physical security plan when two individuals certified by Welding Svcs for unescorted access w/o meeting screening criteria  
COLLINS, S.J. Region 4, Ofc of the Director. 9/03/07 DEDDENS, J.C. Gulf States Utilities Co. 4pp 53047 202-53047 287

-9003190067 Notice of violation from investigation completed in June 1989 Violation noted two contract employees of Welding Svcs, Inc. granted unescorted access to facility based on incomplete background investigation  
\* Region 4, Ofc of the Director. 9/03/07 2pp 53047 286-53047 287

9003200251 Forwards FEMA 891108 ltr & emergency preparedness exercise evaluation report of 890825 reentry/recovery drills  
COLLINS, S.J. Region 4, Ofc of the Director. 9/03/08 DEDDENS, J.C. Gulf States Utilities Co. 3pp 53078 167-53078 179

9003230221 Forwards response to violations noted in Insp Rept 50-458/89-39 Response withheld (ref 10CFR73.21)  
DEDDENS, J.C. Gulf States Utilities Co. 9/03/16 Document Control Branch (Document Control Desk) 2pp 53137 001-53137 002

9003270430 Forwards Requalification Exam Rept 50-458/OL-90-01 on 900129 & 0205 Overall performance met requirements for satisfactory requalification program per NUREG-1021. Health physics practices by operators inconsistent.  
COLLINS, S.J. Region 4, Ofc of the Director. 9/03/16 DEDDENS, J.C. Gulf States Utilities Co. 3pp 53193 059-53193 071

-9003270431 Requalification Exam Rept 50-458/OL-90-01 on 900129-0208 Exam results all reactor operator examiners & nine senior reactor operator examiners passed all portions of exams w/ exception of one senior reactor operator.  
GRAVES, D.N., PELLET, J.L. Region 4, Ofc of the Director. 9/03/14 10pp 53193 062-53193 071

#### P. Operating license stage documents & correspondence

9002160171 Licenses/licenses requesting delays in submitting individual plant exam results  
TAYLOR, J.M. Ofc of the Executive Director for Operations SECY-90-039 9/02/07 4pp 53045 355-53045 358

9003120603 Forwards Amend 41 to License DPF-47 Amend modifies Tech Spec 4.0.2 to remove provisions which combined time interval for three consecutive surveillances to less than 3.25 times specified interval.  
PAULSON, W.A. Project Directorate IV (891001-900602) 9/02/22 DEDDENS, J.C. Gulf States Utilities Co. 3pp 52973 323-52973 335

-9003120606 Amend 41 to License NPF-47, modifying Tech Spec 4.0.2 to remove provision that limits combined time interval for three consecutive surveillances to less than 3.25 times specified interval.  
HERDON, F.J. Project Directorate IV (891001-900602) 9/02/22 7pp 52973 326-52973 332

-9003120612 Safety evaluation supporting Amend 41 to License NPF-47  
\* Ofc of Nuclear Reactor Regulation, Director (Post 870411) 9/02/22 3pp 52973 333-52973 335

9003090145 Advises that JH has not completed review of fitness-for-duty program & related matters delay caused by problems w/ continued lab reporting possible false negative test results  
ODELL, W.H. Gulf States Utilities Co. 9/03/01 Document Control Branch (Document Control Desk) 1p 52945 187-52945 187

9003120028 Requests addl clarification to prepare response to Generic Ltr 89-01 re survey of time spent by key nuclear power plant managers in responding to various operational insps & audits  
ODELL, W.H. Gulf States Utilities Co. 9/03/01 Document Control Branch (Document Control Desk) 2pp 52996 333-52996 334

9003140158 Forwards Fitness for Duty Program Rept 50-F-02 re investigation of unsatisfactory performance test result by certified lab under contract to WH to perform drug screen testing per 10CFR26  
ODELL, W.H. Gulf States Utilities Co. 9/03/01 Ofc of Nuclear Reactor Regulation Director (Post 870411) 7pp 53019 171-53019 177

9003160058 Discusses evaluation of particulate sampling & containment/drywe header where samples taken per License 891017 supplemental response to Generic Ltr 88-14 Maint work orders initiated to inspect & replace filtration media for CRD  
DEDDENS, J.C. Gulf States Utilities Co. 9/03/02 Document Control Branch (Document Control Desk) 3pp 53041 110-53041 112

9003140381 Accepts w/1 response to Generic Ltr 89-13, "See Water Sys Problems Affecting Safety-Related Equipment"  
PAULSON, W.A. Project Directorate IV (891001-900602) 9/03/05 DEDDENS, J.C. Gulf States Utilities Co. 3pp 53009 291-53009 293

9003160010 Forwards notice of consideration of issuance of amend to License NPF-47, deleting insp of Div II diesel generator crankshaft currently required to be performed during third refueling outage & accelerating 5 yr insp program  
PAULSON, W.A. Project Directorate IV (891001-900602) 9/03/08 DEDDENS, J.C. Gulf States Utilities Co. 2pp 53042 124-53042 131

-9003160017 Notice of consideration of issuance of amend to License NPF-47 & opportunity for hearing on 900202 request to delete insp of Div II diesel generator crankshaft currently required to be performed during third refueling outage.  
HERDON, F.J. Project Directorate IV (891001-900602) 9/03/08 6pp 53042 126-53042 131

9003200047 Forwards summary of 900126 meeting in Region IV ofc re activities authorized by License NPF-47. Encourages efforts to expand ALARA program & make use of radiation source term task force to reduce exposures  
COLLINS, S.J. Region 4, Ofc of the Director 9/03/08 DEDDENS, J.C. Gulf States Utilities Co. 3pp 53078 293-53078 351

-9003200051 Summary of 900126 meeting w/wh in Arlington, TX re radiation levels that exist at plant & source term associated w/radiation levels  
MURRAY, B. Region 4, Ofc of the Director 9/02/13 Region 4, Ofc of the Director 57pp 53078 296-53078 351

9003200074 Requests response that addresses NRC concern re possible violation of 10CFR50.7, par 900117 complaint Response will be considered in determining whether enforcement action warranted  
MARTIN, R.D. Region 4, Ofc of the Director 9/03/08 DEDDENS, J.C. Gulf States Utilities Co. 6pp 53071 340-53071 345

9003220034 Forwards corrected notice of consideration of issuance of amend to License NPF-47 & opportunity for hearing on 900202 request to delete insp of Div II diesel generator crankshaft currently scheduled for third refueling outage in Sept 1990  
PAULSON, W.A. Project Directorate IV (891001-900602) 9/03/08 DEDDENS, J.C. Gulf States Utilities Co. 3pp 53113 089-53113 106

-9003220037 Corrected notice of consideration of issuance of amend to License NPF-47 & opportunity for hearing on 900202 request to delete insp of Div II diesel generator crankshaft currently scheduled during third refueling outage.  
HERDON, F.J. Project Directorate IV (891001-900602) 9/03/08 6pp 53113 102-53113 106

9003220156 Forwards corrected Tech Spec Page 3/4 0-2 to Amend 41 to License NPF-47, modifying Tech Spec 4.0.2 to remove provision that limits combined time interval for three consecutive surveillances to less than 3.25 times specified interval.  
PAULSON, W.A. Project Directorate IV (891001-900602) 9/03/08 DEDDENS, J.C. Gulf States Utilities Co. 3pp 53126 160-53126 164

-9003220166 Corrected Tech Spec Page 3/4 0-2 to Amend 41 to License NPF-47, removing provisions that limits combined time interval for three consecutive surveillances to less than 3.25 times specified interval.  
\* NRC - No Detailed Affiliation Given. 9/03/08 2pp 53126 163-53126 164



Forwards Duke Engineering & Svcs. Inc. 900105 ltr to EC Fichtenthor for pro-  
posed insp variance & recommendations regarding to clearing  
bars at 900311-12 meeting  
J.C. Gulf States Utilities Co. 90/03/15 Document Control Branch (Docu-  
ment Desk). 3pp 53150-031-53150-064

Forwards C. Beckwith 900205 ltr re int'l employee complaint w/Dept of  
Labor from NRC 500308 ltr to us  
J Region 4, OIC of the Director 90/03/19 DEEDENS, J.C. Gulf States  
Utilities Co. 3pp 53147-046-53147-051

Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation  
of 10 CFR 50.54(a)(1) from 2.2 Part 2, "Vendor Interface for Safety-Re-  
lated Items" Svc list encl  
J.C. Gulf States Utilities Co. 90/03/20 Consolidated Edison Co. of New York, Inc. 5pp 53195-014-53195-069

# Reports, IE Bulletins & correspondence

Forwards Insp Rept 50-458/89-47 on 891201-31 No violations or deviations  
noted in Insp Rept 50-458/89-47  
J Region 4, OIC of the Director 90/02/12 DEEDENS, J.C. Gulf States  
Utilities Co. 3pp 52706-048-52706-062

Insp Rept 50-458/89-47 on 891201-31 No violations or deviations  
areas inspected event followup, operational safety verification, maint &  
observation & engineered safety sys walkdown.  
E.G.L. Region 4, OIC of the Director 90/02/08 12pp 52706-051-

ACK receipt of 900209 ltr informing NRC of steps taken to correct violations  
noted in Insp Rept 50-458/89-47  
J Region 4, OIC of the Director 90/02/22 DEEDENS, J.C. Gulf States  
Utilities Co. 3pp 52795-059-52795-065

NRC Info Notice 90-019, "Primary Water Stress Corrosion Cracking of In-  
strumentation" Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/02/23  
Consolidated Edison Co. of New York, Inc. 9pp 52776-262-52776-360

Forwards Insp Rept 50-458/90-02 on 900122-28 Violations noted re safety  
of operating beyond assumptions in fire hazards analysis but critical  
areas inspected  
J Region 4, OIC of the Director 90/02/26 DEEDENS, J.C. Gulf States  
Utilities Co. 3pp 52998-335-52998-349

Insp Rept 50-458/90-02 on 900122-28 Noncritical violation noted re imple-  
mentation of controls per fire hazards analysis. Major areas inspected post-fire safe-  
ty capability & compliance of fire protection program w/10CFR50 App F.  
C.E. SINGH, A. MURPHY, M.E. Region 4, OIC of the Director 90/02/21  
Consolidated Edison Co. of New York, Inc. 3pp 53038-335-53038-349

NRC Info Notice 90-011, "Maintenance Associated With Secondary Sys-  
tem" Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/02/28  
Consolidated Edison Co. of New York, Inc. 9pp 52776-163-52776-261

NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communi-  
cation" Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/02/28  
Consolidated Edison Co. of New York, Inc. 8pp 52844-001-52844-099

Forwards response to inspector followup item noted in Insp Rept 50-458/  
90-011-17 Corrective actions rev to Procedure EDP-AA-10 re issuance of  
license on semiannual basis will be issued to remove 2-yr rereading  
J.C. Gulf States Utilities Co. 90/02/28 Document Control Branch (Document  
Desk). 3pp 52989-319-52989-321

Requests add'l clarification to prepare response to Generic Ltr 80-01 re  
costs spent by key nuclear power plant managers in responding to various  
insps & audits.  
J.C. Gulf States Utilities Co. 90/03/01 Document Control Branch (Document  
Desk). 2pp 52998-333-52998-334

Discusses evaluation of particulate sampling & containment/ drywell  
fire samples taken per license 891017 supplemental responses to Generic  
Ltr work orders initiated to inspect & replace filtration media for CRD  
J.C. Gulf States Utilities Co. 90/03/02 Document Control Branch (Docu-  
ment Desk). 3pp 53041-110-53041-112

NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards  
Analysis" Svc list encl  
Division of Operational Events Assessment (Post 870411) 90/03/05  
Consolidated Edison Co. of New York, Inc. 9pp 52844-100-52844-198

NRC Info Notice 90-014, "Accidental Disposal of Radioactive Wastes" Svc  
list encl  
Division of Industrial & Medical Nuclear Safety (Post 870729)  
Consolidated Edison Co. of New York, Inc. 8pp 52997-001-52997-094

Notification of enforcement conference at Region IV o/c on 900313 to dis-  
cuss analysis & licensee compliance w/fire protection program described  
in 50-458/90-02 dtd 800228.  
E.G.L. Region 4, OIC of the Director 90/03/06 Region 4, OIC of the Di-  
rector 53047-261-53047-262

NRC Info Notice 90-015, "Reciprocity, Notification of Agreement State Radi-  
ation Control Authorities Before Beginning Work in Agreement States" Svc list encl  
Division of Industrial & Medical Nuclear Safety (Post 870729)  
Consolidated Edison Co. of New York, Inc. 9pp 52997-095-52997-189

9003010293 Suppl 2 to NRC info Notice 89-059 "Suppliers of Potentially Misrepresent-  
ed Fasteners" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07  
Consolidated Edison Co. of New York, Inc. 10pp 52844-199-52844-298

9003150060 Forwards Insp Rept 50-458/90-03 on 900101-31 Violations noted NRC  
inspector work practice which led to resin spill on 900124 unacceptable Notice of viola-  
tion will not be issued to support licensee initiative to correct problem  
COLLINS, S.J. Region 4, OIC of the Director 90/03/07 DEEDENS, J.C. Gulf States  
Utilities Co. 3pp 53022-348-53022-357

--9003150085 Insp Rept 50-458/90-03 on 900101-31 One noncritical violation  
noted Major areas inspected to ensure of event/LEER review, operational safety  
verification, maint observation, review of mod request packages & surveillance test ob-  
servation  
CONSTABLE, E.G.L. Region 4, OIC of the Director 90/03/06 9pp 53022-349-  
53022-357

9003160412 Ack receipt of 900119 ltr informing NRC of steps taken to correct violations  
noted in Insp Rept 50-458/89-47  
COLLINS, S.J. Region 4, OIC of the Director 90/03/07 DEEDENS, J.C. Gulf States  
Utilities Co. 3pp 53038-282-53038-290

9003190062 Responds to 900130 ltr re alleged discrimination against employee for en-  
gaging in protected activities Enforcement action will not be taken & matter consid-  
ered closed  
MARTIN, R.D. Region 4, OIC of the Director 90/03/07 DEEDENS, J.C. Gulf States  
Utilities Co. 4pp 53048-332-53048-335

9003190086 Forwards notice of violation & synopsis from Rept of Investigation 4-88-027  
identifying violation of physical security plan when two individuals certified by Weidung  
Svcs for unrestricted access w/o meeting screening criteria  
COLLINS, S.J. Region 4, OIC of the Director 90/03/07 DEEDENS, J.C. Gulf States  
Utilities Co. 4pp 53047-282-53047-287

--9003190087 Notice of violation from investigation completed in June 1989 violation  
noted two contract employees of Weidung Svcs, Inc. granted unescorted access to fac-  
ility based on incomplete background investigation  
\* Region 4, OIC of the Director 90/03/07 2pp 53047-286-53047-287

9003202021 NRC Info Notice 90-017, "Weight & Control Gravity Discrepancies for Copes-  
vulcan Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08  
Consolidated Edison Co. of New York, Inc. 10pp 52963-038-52963-109

9003160010 Forwards notice of consideration of issuance of amend to License NPF-  
47, deletion of Div II diesel generator crankshaft currently required to be per-  
formed during third refueling outage & accumulating 5-yr insp program  
PAULSON, W.A. Project Directorate IV (891001-900602) 90/03/08 DEEDENS, J.C.  
Gulf States Utilities Co. 2pp 53042-124-53042-131

--9003160017 Notice of consideration of issuance of amend to License NPF-47 & op-  
portunity for hearing on 900202 request to delete insp of Div II diesel generator  
crankshaft currently required to be performed during third refueling outage  
HEBDON, F.J. Project Directorate IV (891001-900602) 90/03/08 6pp 53042-126-  
53042-131

9003160454 Forwards Insp Rept 50-458/90-05 on 900213-16 re 900211 loss of vital  
power resulting in Div II ESF activation  
COLLINS, S.J. Region 4, OIC of the Director 90/03/08 DEEDENS, J.C. Gulf States  
Utilities Co. 3pp 53030-293-53030-315

--9003160456 Insp Rept 50-458/90-05 on 900213-16 Major areas inspected 900211  
loss of 125-volt dc bus HHR sys design, procedures for identifying & mitigating poten-  
tial injection sys LOCA, electrical sys & Topack inverter & Rosemount trip unit  
STEFKA, T.F. Region 4, OIC of the Director 90/03/06 20pp 53039-296-53039-315

9003200090 Forwards Insp Rept 50-458/89-44 on 891218-22 Violations noted but will  
not be cited based on categorization as self-identified violation  
COLLINS, S.J. Region 4, OIC of the Director 90/03/08 DEEDENS, J.C. Gulf States  
Utilities Co. 4pp 53077-341-53077-357

--9003200091 Insp Rept 50-458/89-44 on 891218-22 Violation noted re control of radio-  
active waste & contamination, surveys & monitoring Major areas inspected occupational  
radiation protection program, including audits & appraisals  
BAER, R.E., MURRAY, B. Region 4, OIC of the Director 90/02/16 13pp 53077-345-  
53077-357

9003200034 Forwards corrected notice of consideration of issuance of amend to Li-  
cense NPF-47 & opportunity for hearing on 900202 request to delete insp of Div II  
diesel generator crankshaft currently scheduled for third refueling outage in Sept  
1990  
PAULSON, W.A. Project Directorate IV (891001-900602) 90/03/08 DEEDENS, J.C.  
Gulf States Utilities Co. 3pp 53113-089-53113-106

--9003200037 Corrected notice of consideration of issuance of amend to License NPF-  
47 & opportunity for hearing on 900202 request to delete insp of Div II diesel gener-  
ator crankshaft currently scheduled during third refueling outage  
HEBDON, F.J. Project Directorate IV (891001-900602) 90/03/08 5pp 53113-102-  
53113-108

9003050043 NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief  
Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 10pp 52863-200-52863-289

9003050148 NRC Bulletin 90-001, "Loss of Fri Oil in Transmitters Mfg by Rosemount"  
Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09  
Consolidated Edison Co. of New York, Inc. 10pp 52863-300-52863-048

9003090089 Monthly operating reports for Jan 1990 for Braidwood Nuclear Power Station, Units 1 & 2 w/900209 ltr  
PETERSON, M.W. QUERIO, R.E. Commonwealth Edison Co. 90/01/31. 14pp  
52949 034-52949 047

9003090471 Forwards occupational radiation exposure portions of plant operating reports for 1989  
RESCEK, F. Commonwealth Edison Co. 90/02/20. DAVIS, A.B. Region 3. OIC of the Director. 1p 52965 206-52966 218

-9003090490 "Number of Personnel & Person-Hour by Work & Job Function for 1989"  
W/900215 ltr  
QUERIO, R.E. Commonwealth Edison Co. 89/12/31. DAVIS, A.B. Region 3. OIC of the Director. 2pp 52968 217-52966 218

#### S. Reportable occurrences, LERs & related correspondence

9002160186 Part 21 report re backup rings furnished in spare parts seal kits & in 25 GPM 4 way valves as part of actuators made of incorrect material. Rings should be Viton & have been identified as Buna N  
KNECHT, W.G. Anchor/Darling Valve Co (subs. of Anchor/Darling Industries, Inc.) 90/01/26. OIC of Enforcement (Post 870413). 2pp 52896 049-52896 050

#### V. Operator Examinations

9003220103 Document's NRC understanding of requalification exam process to be administered at plant during wks of 900402 & 09 Formal to be employed at plant for operating exams will differ from previous NRC administered exams in listed specific features.  
WRIGHT, G.C. Region 3. OIC of the Director. 90/03/12. QUERIO, R.E. Commonwealth Edison Co. 2pp 53165 277-53165 278

#### DOCKET 50-458 RIVER BEND STATION, UNIT 1

#### F. Security, medical, emergency & fire protection plans

9003070179 Forwards 900222 emergency planning exercise scenario containing exercise objectives, observer info, narrative summary, on-site messages including expected player actions & radiological info w/o encl  
BOOKER, J.E. Gulf States Utilities Co. 89/12/26. Document Control Branch (Document Control Desk). 2pp 52888 008-52888 009

9003020044 Advises that 891027 changes to emergency plan, acceptable  
COLLINS, S.J. Region 4. OIC of the Director. 90/02/23. DEDDENS, J.C. Gulf States Utilities Co. 3pp 52799 303-52799 305

9003120610 Forwards Insp Rept 50-458/90-02 on 900122-26 Violations noted re safety consequences of operating beyond assumptions in fire hazards analysis but citation will not be issued.  
COLLINS, S.J. Region 4. OIC of the Director. 90/02/26. DEDDENS, J.C. Gulf States Utilities Co. 3pp 52998 335-52998 349

-9003120617 Insp Rept 50-458/90-02 on 900122-26 Noncited violation noted re implementation of controls per fire hazards analysis. Major areas inspected post-fire safe shutdown capability & compliance of fire protection program w/10CFR50, App R  
JOHNSON, C.E., SINGH, A., MURPHY, M.E. Region 4. OIC of the Director. 90/02/21. 12pp 52998 338-52998 349

9003190084 Notification of enforcement conference at Region IV oic on 900313 to discuss fire hazards analysis & licensee compliance w/fire protection program described in Insp Rept 50-458/90-02 dtd 900226.  
CONSTABLE, G.L. Region 4. OIC of the Director. 90/03/08. Region 4. OIC of the Director. 2pp 53047 261-53047 262

9003260194 Ack receipt of scenario for 1990 emergency preparedness exercise  
COLLINS, S.J. Region 4. OIC of the Director. 90/03/06. DEDDENS, J.C. Gulf States Utilities Co. 3pp 53148 355-53148 357

9003190068 Forwards notice of violation & synopsis from Rept of Investigation 4-88-027 identifying violation of physical security plan when two individuals certified by Welding Svcs for unescorted access w/o meeting screening criteria.  
COLLINS, S.J. Region 4. OIC of the Director. 90/03/07. DEDDENS, J.C. Gulf States Utilities Co. 4pp 53047 282-53047 287

-9003190067 Notice of violation from investigation completed in June 1989. Violation noted two contract employees of Welding Svcs, Inc. granted unescorted access to facility based on incomplete background investigation.  
\* Region 4. OIC of the Director. 90/03/07. 2pp 53047 286-53047 287

9003200251 Forwards FEMA 891108 ltr & emergency preparedness exercise evaluation report of 890925 reentry/recovery drills.  
COLLINS, S.J. Region 4. OIC of the Director. 90/03/08. DEDDENS, J.C. Gulf States Utilities Co. 3pp 53078 167-53078 178

9003230221 Forwards response to violations noted in Insp Rept 50-458/89-39 Response withheld (ref 10CFR73.21).  
DEDDENS, J.C. Gulf States Utilities Co. 90/03/16. Document Control Branch (Document Control Desk). 2pp 53137 001-53137 002

9003270430 Forwards Requalification Exam Rept 50-458/OL-90-01 on 900129 & 0205 Overall performance met requirements for satisfactory requalification program per NUREG-1021. Health physics practices by operators inconsistent.  
COLLINS, S.J. Region 4. OIC of the Director. 90/03/16. DEDDENS, J.C. Gulf States Utilities Co. 3pp 53193 059-53193 071

-9003270431 Requalification Exam Rept 50-458/OL-90-01 on 900129-0208 Exam results all reactor operator examinees & nine senior reactor operator examinees passed all portions of exams w/ exception of one senior reactor operator.  
GRAVES, D.N., PELLET, J.L. Region 4. OIC of the Director. 90/03/14. 10pp 53193 062-53193 071

#### P. Operating license stage documents & correspondence

9002160171 Identifies licensees requesting delays in submitting individual applications  
TAYLOR, J.M. OIC of the Executive Director for Operations. SECY-50. 4pp 53045 355-53045 358

9003120603 Forwards Amend 41 to License NPF-47 Amends Tech Spec 4.0.2 to remove provisions that limits combined time interval for three consecutive surveillance tests to less than 3.25 times specified interval.  
PAULSON, W.A. Project Directorate IV (891001-900602). 90/02/22. Gulf States Utilities Co. 3pp 52973 323-52973 335

-9003120606 Amend 41 to License NPF-47, modifying Tech Spec 4.0.2 to remove provisions that limits combined time interval for three consecutive surveillance tests to less than 3.25 times specified interval.  
HEBDON, F.J. Project Directorate IV (891001-900602). 90/02/22. Gulf States Utilities Co. 3pp 52973 332

-9003120612 Safety evaluation supporting Amend 41 to License NPF-47  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 52973 333-52973 335

9003090145 Advises that util has not completed review of fitness-for-duty related matters caused by problems w/ certified lab reporting negative test results.  
ODELL, W.H. Gulf States Utilities Co. 90/03/01. Document Control Branch (Document Control Desk). 1p 52945 187-52945 187

9003120028 Requests add clarification to prepare response to General survey of time spent by key nuclear power plant managers in response to operational insps & audits.  
ODELL, W.H. Gulf States Utilities Co. 90/03/01. Document Control Branch (Document Control Desk). 2pp 52998 333-52998 334

9003140150 Forwards Fitness for Duty Program Rept 90-F-02 re fitness-for-duty performance test result by certified laboratory contract to util screen testing per 10CFR26.  
ODELL, W.H. Gulf States Utilities Co. 90/03/01. Office of Nuclear Reactor Regulation, Director (Post 870411). 7pp 53019 171-53019 177

9003160068 Discusses evaluation of particulate sampling & control header where samples taken per license 891017 supplemental request 118-14. Maint work orders initiated to inspect & replace filtration media.  
DEDDENS, J.C. Gulf States Utilities Co. 90/03/02. Document Control Branch (Document Control Desk). 3pp 53041 110-53041 112

9003140381 Accepts util response to Generic Ltr 89-13, "Svc Water Sampling Related Equipment"  
PAULSON, W.A. Project Directorate IV (891001-900602). 90/03/05. Gulf States Utilities Co. 3pp 53000 291-53000 293

9003160010 Forwards notice of consideration of issuance of amend 47, deleting insp of D.V. oil diesel generator crankshaft currently required during third refueling outage & accelerating 5-yr insp program.  
PAULSON, W.A. Project Directorate IV (891001-900602). 90/03/09. Gulf States Utilities Co. 2pp 53042 124-53042 131

-9003160017 Notice of consideration of issuance of amend 47, deleting insp of D.V. oil diesel generator crankshaft currently required during third refueling outage & accelerating 5-yr insp program.  
HEBDON, F.J. Project Directorate IV (891001-900602). 90/03/08. Gulf States Utilities Co. 2pp 53042 131

9003200047 Forwards summary of 900126 meeting in Region IV oic re issuance of License NPF-47. Encourages efforts to expand ALARA program radiation source term task force to reduce exposures.  
COLLINS, S.J. Region 4. OIC of the Director. 90/03/08. DEDDENS, J.C. Gulf States Utilities Co. 3pp 53078 293-53078 351

-9003200051 Summary of 900126 meeting w/util in Arlington, TX re radiation exist at plant & source term associated w/radiation levels.  
MURRAY, B. Region 4. OIC of the Director. 90/02/13. Region 4. OIC of the Director. 5pp 53078 296-53078 351

9003200074 Requests response that addresses NRC concern re position of 10CFR50.7, per 900117 complaint. Response will be considered in detailed enforcement action warranted.  
MARTIN, R.D. Region 4. OIC of the Director. 90/03/08. DEDDENS, J.C. Gulf States Utilities Co. 6pp 53071 340-53071 345

9003220034 Forwards corrected notice of consideration of issuance of License NPF-47 & opportunity for hearing on 900202 request to delete diesel generator crankshaft currently scheduled for third refueling 1990.  
PAULSON, W.A. Project Directorate IV (891001-900602). 90/03/08. Gulf States Utilities Co. 3pp 53113 089-53113 106

-9003220037 Corrected notice of consideration of issuance of amend 47 & opportunity for hearing on 900202 request to delete insp of D.V. oil diesel generator crankshaft currently scheduled during third refueling outage.  
HEBDON, F.J. Project Directorate IV (891001-900602). 90/03/08. Gulf States Utilities Co. 3pp 53113 106

9003220168 Forwards corrected Tech Spec Page 3/4 0.2 to Amend 41 to remove provisions that limits combined time interval for three consecutive surveillances to less than 3.25 times specified interval.  
PAULSON, W.A. Project Directorate IV (891001-900602). 90/03/08. Gulf States Utilities Co. 3pp 53126 160-53126 164

-9003220166 Corrected Tech Spec Page 3/4 0.2 in Amend 41 to remove provisions that limits combined time interval for three consecutive surveillances to less than 3.25 times specified interval.  
\* NRC - No Detailed Affiliation Given. 90/03/08. 2pp 53126 163-53126 164

Forwards Duke Engineering & Svcs, Inc. 900105. It to BC Fichtelkorn for review shall insp variation & recommendations given by presented to co-chair members at 900111-12 meeting.  
J.C. Gulf States Utilities Co. 90/03/15 Document Control Branch (Document Desk) 3pp 53150 031-53153 064

Forwards C. Beckwith 900205. It re unit employee complaint w/Dept of Energy from NRC 900308. It to: C Region 4, Ofc of the Director 90/03/19 DEEDENS, J.C. Gulf States Utilities Co. 3pp 53147 046-53147 051

Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of criteria in Generic Ltr 83-28, Item 2.2 Part 2, "Vendor Interface for Safety-Related Systems." Svc list encl.  
J.C. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 5pp 53195 014-53195 069

# n reports, IE Bulletins & correspondence

Forwards Insp Rept 50-458/89-47 on 891201-31 No violations or deviations noted. Svc list encl.  
J Region 4, Ofc of the Director 90/02/12 DEEDENS, J.C. Gulf States Utilities Co. 3pp 52706 040-52706 062

Insp Rept 50-458/89-47 on 891201-31 No violations or deviations noted. Areas inspected event followup, operational safety verification, maintenance & engineering safety sys walkdown.  
E.G.L. Region 4, Ofc of the Director 90/02/00 12pp 52706 351-

Ack receipt of 900209. It re informing NRC of steps taken to correct violations noted in Insp Rept 50-458/89-40.  
J Region 4, Ofc of the Director 90/02/22 DEEDENS, J.C. Gulf States Utilities Co. 3pp 52795 050-52795 065

NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-Svc list encl."  
Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 9pp 52776 262-52776 360

Forwards Insp Rept 50-458/90-02 on 900122-26 Violations noted re safety of operating beyond assumptions in fire hazards analysis but citation issued.  
J Region 4, Ofc of the Director 90/02/26 DEEDENS, J.C. Gulf States Utilities Co. 3pp 52908 335-52908 340

Insp Rept 50-458/90-02 on 900122-26 Noncited violation noted re implementation of controls for fire hazards analysis. Major areas inspected post-fire safety capability & compliance of fire protection program w/10CFR50, App R.  
C.E. SINGH, A. MURPHY, M.E. Region 4, Ofc of the Director 90/02/21 6 339-52988 349

NRC Info Notice 90-011, "Maintenance Associated W/ Solenoid Operation." Svc list encl.  
Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 9pp 52776 163-52776 261

NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communication." Svc list encl.  
Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 8pp 52844 001-52844 039

Forwards response to inspector followup item noted in Insp Rept 50-458/89-1113-17 Corrective actions re Procedure EDP-AA-10 re issuance of citation on sentinelle basis will be issued to remove 2-yr rereading.  
J.C. Gulf States Utilities Co. 90/02/28 Document Control Branch (Document Desk) 3pp 52969 319-52969 321

Requests add'l clarification to prepare response to Generic Ltr 90-01 re time spent by key nuclear power plant managers in responding to various insps & audits.  
J.C. Gulf States Utilities Co. 90/03/01 Document Control Branch (Document Desk) 2pp 52999 333-52999 334

Discusses evaluation of particulate sampling & containment/drywell core samples taken per licensee 891017 supplemental response to Generic complaint work orders initiated to inspect & replace filtration media for CRD.  
J.C. Gulf States Utilities Co. 90/03/02 Document Control Branch (Document Desk) 3pp 53041 110-53041 112

NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards." Svc list encl.  
Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 9pp 52844 100-52844 188

NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
H.A.M., R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). Consolidated Edison Co. of New York, Inc. 8pp 52997 001-52997 094

Notification of enforcement conference at Region IV ofc on 900313 to discuss safeguards analysis & licensee compliance w/fire protection program described in 50-458/80-02 did 900228.  
E.G.L. Region 4, Ofc of the Director 90/03/08 Region 4, Ofc of the Director 53047 261-53047 262

NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiological Directors Before Beginning Work in Agreement States." Svc list encl.  
H.A.M., R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). Consolidated Edison Co. of New York, Inc. 8pp 52997 005-52997 188

9003010293 Supp 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 10pp 52844 199-52844 298

9003150060 Forwards Insp Rept 50-458/80-03 on 900101-31 Violations noted. NRC considers work practice which led to resin spill on 900124 unacceptable. Notice of violation will be issued to support licensee initiative to correct problem.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/07 DEEDENS, J.C. Gulf States Utilities Co. 3pp 53022 346-53022 357

--9003150085 Insp Rept 50-458/90-03 on 900101-31 One noncited violation noted. Major areas inspected followup of event, LER review, operational safety verification, maintenance observation review of incu request package & surveillance test observation.  
CONSTABLE, G.L. Region 4, Ofc of the Director 90/03/06 9pp 53022 349-53022 357

9003160412 Ack receipt of 900119. It re informing NRC of steps taken to correct violations noted in Insp Rept 50-458/89-04.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/07 DEEDENS, J.C. Gulf States Utilities Co. 3pp 53038 282-53038 280

9003190062 Responds to 900130. It re alleged discrimination against employee for engaging in protected activities. Enforcement action will not be taken & matter considered closed.  
MARTIN, R.D. Region 4, Ofc of the Director 90/03/07 DEEDENS, J.C. Gulf States Utilities Co. 4pp 53048 332-53048 335

9003190086 Forwards notice of violation & synopsis from Rept of Investigation 4-88-027 identifying violation of physical security plan when two individuals certified by Welding Svcs for unescorted access w/o meeting screening criteria.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/07 DEEDENS, J.C. Gulf States Utilities Co. 4pp 53047 282-53047 287

--9003190087 Notice of violation from investigation completed in June 1989. Violation noted two contract employees of Welding Svcs, Inc. granted unescorted access to facility based on incomplete background investigation.  
Region 4, Ofc of the Director 90/03/07 2pp 53047 286-53047 287

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copese-Volcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/08 Consolidated Edison Co. of New York, Inc. 10pp 52963 095-52963 109

9003160010 Forwards notice of consideration of issuance of amend to License NPF-47, deleting insp of Div II diesel generator crankshaft currently required to be performed during third relieving outage & accelerating 5-yr insp program.  
PAULSON, W.A. Project Directorate IV (891001-900602) 90/03/08 DEEDENS, J.C. Gulf States Utilities Co. 2pp 53042 124-53042 131

--9003160017 Notice of consideration of issuance of amend to License NPF-47 & opportunity for hearing on 900202 request to delete insp of Div II diesel generator crankshaft currently required to be performed during third relieving outage.  
HEBDON, F.J. Project Directorate IV (891001-900602) 90/03/08 6pp 53042 126-53042 131

9003180454 Forwards Insp Rept 50-458/80-05 on 900213-16 re 900211 loss of vital power supply resulting in Div II ESF activation.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/08 DEEDENS, J.C. Gulf States Utilities Co. 3pp 53039 293-53039 315

--9003180456 Insp Rept 50-458/90-05 on 900213-16 Major areas inspected. 900211 loss of 125-volt dc bus, RHR sys design procedures for identifying & mitigating potential injection sys LOCA, electrical sys & Texpac inverter & Rosemount trip unit.  
STETKA, T.F. Region 4, Ofc of the Director 90/03/06 20pp 53039 266-53039 315

9003200090 Forwards Insp Rept 50-458/89-44 on 891218-22 Violations noted but will not be cited based on categorization as snl identified violation.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/08 DEEDENS, J.C. Gulf States Utilities Co. 4pp 53077 341-53077 357

--9003200091 Insp Rept 50-458/89-44 on 891218-22 Violation noted re control of radioactive metals & contamination, surveys & monitoring. Major areas inspected occupational radiation protection program, including audits & appraisals.  
BAER, R.E., MURRAY, B. Region 4, Ofc of the Director 90/02/16 13pp 53077 345-53077 357

9003200034 Forwards corrected notice of consideration of issuance of amend to License NPF-47 & opportunity for hearing on 900202 request to delete insp of Div II diesel generator crankshaft currently scheduled for third relieving outage in Sept 1990.  
PAULSON, W.A. Project Directorate IV (891001-900602) 90/03/08 DEEDENS, J.C. Gulf States Utilities Co. 3pp 53113 099-53113 106

--9003200037 Corrected notice of consideration of issuance of amend to License NPF-47 & opportunity for hearing on 900202 request to delete insp of Div II diesel generator crankshaft currently scheduled during third relieving outage.  
HEBDON, F.J. Project Directorate IV (891001-900602) 90/03/08 5pp 53113 102-53113 108

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 10pp 52963 200-52963 299

9003050148 NRC Bulletin 90-031, "Loss of FFI-Oil In Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 10pp 52963 300-52963 048

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vent for Containment Recirculation Spray at PWR Facilities." Svc list enc'd.  
ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/14  
Consolidated Edison Co. of New York, Inc. 58pp 52997.190-52997.287.

9003230217 Provides updated status for corrective actions being taken for discrepancies identified in Insp Rept 50-458/89-200. Thirty-six items identified. Twenty-eight items completed. Three of eight remaining items require evaluation of stock.  
DEEDENS J.C. Gulf States Utilities Co. 50/03/15 Document Control Branch (Document Control Desk) 2pp 53174.248-53174.249.

9003230221 Forwards response to violations noted in Insp Rept 50-458/89-39 Response withheld (ref 10CFR73.21)  
DEEDENS J.C. Gulf States Utilities Co. 50/03/16 Document Control Branch (Document Control Desk) 2pp 53137.001-53137.002

9003270430 Forwards Requalification Exam Rept 50-458/OL-90-01 on 900129 & 9005 Overall performance met requirements for satisfactory requalification program per NUREG-1021 Health physics practices by operators inconsistent.  
COLLINS S.J. Region 4, Ofc of the Director 90/03/16 DEEDENS J.C. Gulf States Utilities Co. 3pp 53193.659-53193.671

9003270431 Requalification Exam Rept 50-458/OL-90-01 on 900129-0208 Exam results at reactor operator examinations & none senior reactor operator examinations passed all portions of exams w/ exception of one senior reactor operator GRAVES, D.N., PELLET, J.L. Region 4, Ofc of the Director 90/03/14 10pp 53193.682-53193.671

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bcw." Svc list enc'd.  
ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/23  
Consolidated Edison Co. of New York, Inc. 98pp 53035.128-53035.226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list enc'd.  
CLUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co. of New York, Inc. 81pp 53166.057-53166.147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated." Svc list enc'd.  
ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp 53132.001-53132.100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list enc'd.  
ROSSICE Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp 53165.037-53165.109

#### R. Periodic operating reports & related correspondence

9003080314 "Annual Operating Rept for 1989." W/900226 Itr  
SORENSEN, G.C. ODELL, W.H. Gulf States Utilities Co. 89/12/31 MARTIN, R.D. Region 4, Ofc of the Director 24pp 53074.001-53074.024

9003090188 "River Bend Station - Unit 1, Semiannual Radioactive Effluent Release Rept." W/900228 Itr.  
FANTACCI, C.L. CARGILLE, M. ODELL, W.H. Gulf States Utilities Co. 89/12/31 207pp 52948.109-52948.315

9003010488 Monthly operating rpt for Jan 1990 for River Bend Station W/900315 Itr.  
BORNEMAN, K.R. ODELL, W.H. Gulf States Utilities Co. 90/01/31 5pp 52771.320-52771.324

9003200262 Monthly operating rpt for Feb 1990 for River Bend Station W/900315 Itr.  
BORNEMAN, K.R. ODELL, W.H. Gulf States Utilities Co. 90/02/28 5pp 53104.349-53104.353

#### S. Reportable occurrences, LERs & related correspondence

9003202019 RO on 891219 lubricating oil used at plant failed to meet viscosity requirements specified by mgc lubricant oil which failed to meet mgc viscosity spec replaced & upgrading of procurement requirements for lubricating oils underway.  
ODELL, W.H. Gulf States Utilities Co. 90/02/16 Document Control Branch (Document Control Desk) 3pp 52796.250-52796.252

9003202154 PNO-IV-90-008A updates 900211 event when unit experienced partial ESF actuation by standby diesel generator caused by Topaz Inverter. Inp Licensee suspended further use of procedure involved & tagged charger in float position.  
STETKA, T.F. Region 4, Ofc of the Director 90/02/20 2pp 52816.224-52816.225

9003140041 LER 90-002-00 on 900202 both divs of control bldg ventilation sys declared inoperable due to loss of chiller. Caused by inadequate chilled water flow. Operating procedure for swapping control bldg ventilation revised W/900305 Itr.  
ENGLAND, L.A., ODELL, W.H. Gulf States Utilities Co. 90/03/05 5pp 52979.312-52979.316

9003210261 LER 90-003-00 on 900206 found that several minor deficiencies existed in thermocouple barrier envelopes redundant safe shutdown circuits. Util currently working w/ vendor to resolve identified discrepancies W/900308 Itr.  
ENGLAND, L.A., ODELL, W.H. Gulf States Utilities Co. 90/03/08 5pp 53100.016-53100.020

9003200043 LER 90-004-00 on 900211 Div II emergency 125-volt dc bus experienced voltage spike causing Topaz inverter to trip & resulting in loss of power to control room panel. Cause unknown. Setpoint changes being evaluated W/900312 Itr.  
ENGLAND, L.A., ODELL, W.H. Gulf States Utilities Co. 90/03/12 6pp 53053.023-53053.028

#### V. Operator Examinations

9003070123 Forwards answer keys, grading results for facility & individual answer sheets for each examinee as followup to 900207 written operator licensing exam. Results should be forwarded to examinees.  
CALLAN, L.J. Region 4, Ofc of the Director 90/02/26 ANDREWS, D.L. Gulf States Utilities Co. 87pp 52889.228-52889.312

9003200004 Advises that Sen or Reactor Operator License 43188-1 & Reactor Operator License 42087-2 for A Middlebrooks & DG Looney, respectively, expired on 90/02/4 900201  
ODELL, W.H. Gulf States Utilities Co. 90/03/09 Document Control Branch (Document Control Desk) 1p 53079.025-53079.025

9003270430 Forwards Requalification Exam Rept 50-458/OL-90-01 on 900129 & 9005 Overall performance met requirements for satisfactory requalification program per NUREG-1021 Health physics practices by operators inconsistent.  
COLLINS, S.J. Region 4, Ofc of the Director 90/03/16 DEEDENS J.C. Gulf States Utilities Co. 3pp 53193.659-53193.671

9003270431 Requalification Exam Rept 50-458/OL-90-01 on 900129-0208 Exam results at reactor operator examinations & none senior reactor operator examinations passed all portions of exams w/ exception of one senior reactor operator GRAVES, D.N., PELLET, J.L. Region 4, Ofc of the Director 90/03/14 10pp 53193.682-53193.671

#### DOCKET 50-460 WPPSS NUCLEAR PROJECT, UNIT 1

##### A. Application/construction stage documents & correspondence

9003160117 Forwards compilation of responses to NRC regulatory impact study questionnaire per Generic Ltr 90-01, did 900118  
SORENSEN, G.C. Washington Public Power Supply System 90/03/16  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 8pp 53060.329-53060.329

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants regarding the status position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety Related Components." Svc list enc'd.  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195.014-53195.069

##### J. Insurance & Indemnity Information

9003160117 Forwards compilation of responses to NRC regulatory impact study questionnaire per Generic Ltr 90-01, did 900118  
SORENSEN, G.C. Washington Public Power Supply System 90/03/16  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 8pp 53060.329-53060.329

##### Q. Inspection reports, IE Bulletins & correspondence

9003160117 Forwards compilation of responses to NRC regulatory impact study questionnaire per Generic Ltr 90-01, did 900118  
SORENSEN, G.C. Washington Public Power Supply System 90/03/16  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 8pp 53060.329-53060.329

#### DOCKET 50-461 CLINTON POWER STATION, UNIT 1

##### F. Security, medical, emergency & fire protection plans

9003010424 Revised EPIPs, including Rev 6 to EC-07 & Rev 3 to RA-14  
WADCELL, D.W. Illinois Power Co. 90/02/14 15pp 52781.193-52781.207

9003200363 Forwards revised pages to final SALP Rept 50-461/89-01 for Sept 1988 - Oct 1989  
DAVIS, A.B. Region 3, Ofc of the Director 90/03/13 PERRY, J.S. Illinois Power Co. 4pp 53075.113-53075.148

9003200367 Revised pages to final SALP Rept 50-461/89-01 for Sept 1988 - Oct 1989  
Region 3, Ofc of the Director 89/10/31 4pp 53075.117-53075.120

9003200390 Responds to ninth SALP Rept 50-461/89-01 for Sept 1988 - Oct 1989 Rept concluded that overall performance satisfactory & identified strengths & areas of emergency preparedness  
PERRY, J.S. Illinois Power Co. 90/02/23 DAVIS, A.B. Region 3, Ofc of the Director 28pp 53075.121-53075.148

##### P. Operating license stage documents & correspondence

9002260240 Forwards Amend 31 to License NPF-62 & safety evaluation. Amend revises Tech Spec Table 3.3.7.5-1, "Accident Monitoring Instrumentation."  
HICKMAN, J.B. Project Directorate III-2 90/02/08 HOLTZSCHER, D.L. Illinois Power Co. 3pp 52720.116-52720.126

9002260244 Amend 31 to License NPF-62, revising Tech Spec Table 3.3.7.5-1, "Accident Monitoring Instrumentation."  
CRAIG, J.W. Project Directorate III-2 90/02/08 6pp 52720.119-52720.123

9002260248 Safety evaluation supporting Amend 31 to License NPF-62.  
Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/08 3pp 52720.124-52720.126

9003070075 Forwards Amend 32 to License NPF-62 & safety evaluation. Amend revises Tech Spec Section 1.8 to change definition of core alteration to exclude movement of LPRMs or undershell replacement of source range monitor.  
HICKMAN, J.B. Project Directorate III-2 90/02/22 HOLTZSCHER, D.L. Illinois Power Co. 4pp 52890.025-52890.036

9003070077 Amend 32 to License NPF-62, revising Tech Spec Section 1.8 to change definition of core alteration to exclude normal movement of LPRMs or undershell replacement of source-range monitors or traversing in-core probes  
CRAIG, J.W. Project Directorate III-2 90/02/22 5pp 52890.029-52890.033

Requests schedule for installation of post-accident neutron flux monitoring system that meets requirements of Reg Guide 1.97 & 10CFR50.50  
B. Project Directorate III-2 90/03/13 SPANGENBERG,F. Illinois Power Co 165 292-53165 301

Forwards environ assessment & finding of no significant impact re util 880527 re-enters Tech Spec Table 3.3.7.5-1 to allow inoperability of primary containment valve position when valve deactivated  
B. Project Directorate III-2 90/03/19. SPANGENBERG,F. Consumers 3pp 53147.111-53147.118.

Environ assessment & finding of no significant impact re util 880527 re-enters Tech Spec Table 3.3.7.5-1 to allow inoperability of primary containment valve position when valve deactivated  
Project Directorate III-2 90/03/19. 5pp. 53147.114-53147.118.

Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of Generic Ltr 83-28, item 2.2 Part 2. "Vendor Interface for Safety-Hazards" Svc list encl  
J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co of New York, Inc. 55pp. 53195.014-53195.069

#### Reports, IE Bulletins & correspondence

Responds to NRC 900112 ltr re violations noted in Insp Rept 50-461/89-38 re actions radiation protection on technicians provided w/method for identifying work permits which change radiological conditions  
BERG,F. Illinois Power Co 00/02/12 DAVIS,A.B. Region 3, Ofc of the Director 52890.088-52890.090.

Forwards Safety Insp Rept 50-461/89-38 on 801210-000202 & notice of violation  
Region 3, Ofc of the Director. 90/02/16 PERRY,J.S. Illinois Power Co 124-52749.140

Notice of violation from Insp on 801210-000202 Violation noted Div 1,18 asset HX opened for maint & as found condition not documented nor work documents  
Region 3, Ofc of the Director 90/02/16 1p 52749.126 52749.126

5 Insp Rept 50-461/89-38 on 801210-000202 Violations noted Major areas of non-unannounced safety Insp by resident inspectors of licensee action on Insp findings, operational safety & followup.  
Region 3, Ofc of the Director. 90/02/16. 14pp 52749.127-52749.140.

NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of In-Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52776.262-52776.360

NRC Info Notice 90-011, "Maint Deficiency Associated W/ Solenoid Operation" Svc list encl.  
Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 89pp. 52776.163-52776.261.

NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communication" Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844.001-52844.089.

Forwards final response to NRC Bulletin 88-010, Suppl 1, "Nonconforming Air Circuit Breakers." Actions taken by util have established that all safety-critical components remaining in stock can be verifiably traced to mfg.  
Illinois Power Co. 90/02/28. Document Control Branch (Document Control Desk) 52964.078-52964.092

NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards" Svc list encl.  
Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 89pp. 52844.100-52844.198

NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mats" Svc list encl.  
HAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiological Directors Before Beginning Work in Agreement States." Svc list encl.  
HAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). Consolidated Edison Co. of New York, Inc. 85pp. 52997.095-52997.189

NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
F.R.L. Division of Low-Level Waste Management & Decommissioning (Post 8903/07). Consolidated Edison Co. of New York, Inc. 91pp. 52987.288-52987.380.

Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresentative" Svc list encl.  
E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298.

Consolidated Edison Co. of New York, Inc. 109pp. 52983.300-52984.048

9003200363 Forwards revised pages to final SALP Rept 50-461/89-01 for Sept 1988 - Oct 1989  
DAVIS,A.B. Region 3, Ofc of the Director. 90/03/13. PERRY,J.S. Illinois Power Co 4pp 53075.113-53075.148.

9003200367 Revised pages to final SALP Rept 50-461/89-01 for Sept 1988 - Oct 1989  
Region 3 Ofc of the Director 89/10/31. 4pp 53075.117-53075.120.

9003200390 Responds to final SALP Rept 50-461/89-01 for Sept 1988 - Oct 1989 Rept concluded that overall performance satisfactory & identified strengths in areas of emergency preparedness  
PERRY,J.S. Illinois Power Co. 90/02/23 DAVIS,A.B. Region 3, Ofc of the Director. 28pp 53075.121-53075.148

9003080213 NRC Info Notice 90-018, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co of New York, Inc. 49pp. 52907.193-52907.287

9003270319 Responds to Bulletin 88-008, Suppl 3, "Thermal Stresses in Piping Connected to RCS" Detailed analytical review & proposed schedule for implementing required actions scheduled to be completed by 900825  
PERRY,J.S. Illinois Power Co. 90/03/16. Document Control Branch (Document Control Desk) 2pp 53192.133-53192.134.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow" Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 99pp. 51035.120-51035.220

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Inverters" Svc list encl  
CUNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870720). 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Resonant Transmitter Trip Units" Svc list encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108

#### R. Periodic operating reports & related correspondence

9003020018 "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1989." W/900212 ltr  
SPANGENBERG,F. Illinois Power Co 89/12/31. 287pp 52704.114-52705.040.

9003200192 Monthly operating rept for Feb 1990 for Clinton Power Station Unit 1.W/ 900314 ltr  
SPANGENBERG,F. Illinois Power Co 90/02/28. 5pp. 53078.131-53078.135

#### S. Reportable occurrences, LERs & related correspondence

9002280240 Re: 900212, Tech Specs 3.6.1.8 & 3.6.1.1 entered due to failed local leak rate test on primary containment penetration MC-102. Plant shutdown commenced & notification of unusual event declared. Plant placed in shutdown condition.  
SPANGENBERG,F. Illinois Power Co. 90/02/20. Document Control Branch (Document Control Desk). 2pp. 52778.193-52778.194.

9003220234 LER 90-001.00 on 900212, drywell purge sys containment penetration failed local leak rate test. Caused by failure to remove Cosmolone from surface of valve prior to initial installation. Valves replaced W/900313 ltr.  
MORGENSTERN,R., SPANGENBERG,F. Illinois Power Co. 90/03/13. 7pp. 53122.095-53122.101.

#### V. Operator Examinations

9003020046 Notifies that GD Selsor resigned position w/util, effective 900213  
SPANGENBERG,F. Illinois Power Co. 90/02/20. Document Control Branch (Document Control Desk). 1p. 52799.267-52799.267.

9003130019 Advises that JA Hammer successfully completed all requirements for certification as operator license examiner & is qualified to perform operator licensing exams at GE BWR facilities.  
WRIGHT,G.C. Region 3, Ofc of the Director. 90/02/28. PERKINS,K.E. Operator Licensing Branch. 1p. 52985.045-52985.045.

9003200363 Forwards revised pages to final SALP Rept 50-461/89-01 for Sept 1988 - Oct 1989  
DAVIS,A.B. Region 3, Ofc of the Director. 90/03/13. PERRY,J.S. Illinois Power Co. 4pp. 53075.113-53075.148.

**DOCKET STN-50-482 WOLF CREEK GENERATING STATION**

**F. Security, medical, emergency & fire protection plans**

9003060003 Revised radiological ERPIPs including Emergency Procedure Change Notice 02-12-11 to Rev 11-10-12, "Training Programs" Rev 2 to EPP 03-5-1 & Rev 1 to EPP 03-5-6 W/9002211R.  
RHOODES.F.T. Wolf Creek Nuclear Operating Corp. 90/01/21 33pp 52825-257-52825-287

9002260284 Forwards summary of 900111 meeting w/utl in utl corporate c/c re program to control safeguards, per Insp Rept 50-482/89-26. Attendees list & licensee handouts also encl.  
COLLINS.S.J. Region 4, Ofc of the Director. 90/02/13 WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 12pp 52721 013-52721 024

9002270198 Discusses Physical Security Insp Rept 50-482/89-26 on 900825-29 & forwards notice of violation. Two violations resulting from 1989 Insp also discussed in notice of violation.  
COLLINS.S.J. Region 4, Ofc of the Director. 90/02/13 WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp 52755 310-52755 314

9002270199 Notice of violation from Insp on 890925-1204. Violations noted unattended safeguards info not stored in locked security container from Sept 1987 to Nov 1989 & inadequate controls over safeguards info from Sept 1987 to Sept 1989.  
\* Region 4, Ofc of the Director. 90/02/13 2pp 52755 313-52755 314

9003160075 Withdraws 900208 proposed rev to physical security plan. Issuance of rule-making re access requirements w/ address issue in future.  
WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 90/03/08 Document Control Branch (Document Control Desk) 2pp 53042 132-53042 103

9003270422 Ack receipt of 900207 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-482/89-33. Addl info re Exercise Weakness 50-482/89-33 needed Weakness concerned failure of staff awareness of significant reactor condition.  
COLLINS.S.J. Region 4, Ofc of the Director. 90/03/16 WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp 53194 118-53194 124

**J. Insurance & Indemnity Information**

9003010051 Provides present levels of onsite property damage insurance being maintained, per 10CFR50.54(w)(2).  
WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 90/02/21. Document Control Branch (Document Control Desk) 1p 52764 353-52764 353

**K. Utility Final Safety Analysis Report (FSAR) & amendments**

9003180482 Rev 3 to Updated SAR for Wolf Creek W/900312 ltr.  
WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 90/03/12. 531pp 53037-103-53038-273

**P. Operating license stage documents & correspondence**

9002220321 Application for amend to License NPF-42, revising Tech Spec 4.6.2.3.a & re verification of cooling water flow rate to containment; fan coolers to reduce flow rate to 1.850 gpm per cooler group.  
WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 90/02/07 Document Control Branch (Document Control Desk) 8pp 52704-073-52704 083

9002220324 Proposed Tech Specs re limiting condition for operation & surveillance requirements on verification of containment cooling water flow rate to containment cooling fans.  
\* Wolf Creek Nuclear Operating Corp. 90/02/07. 2pp 52704 082-52704 083.

9003130450 Forwards Cycle 5 radial peaking factor limit repl, per Tech Spec Section 6.9.19.  
BAILEY,J.A. Wolf Creek Nuclear Operating Corp. 90/02/14. Document Control Branch (Document Control Desk) 3pp 52999 229-52999 231.

9003090335 Forwards Amend 35 to License NPF-42 & safety evaluation. Amend enhances plant operations during Modes 5 & 6 when DHR relies upon RHR sys & reduces required RHR flowrate during refueling operations.  
PICKETT,D.V. Project Directorate IV (891001-900602) 90/02/21. WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp 52973 073-52973 083

9003090336 Amend 35 to License NPF-42, enhancing plant operations during Modes 5 & 6 when DHR relies upon RHR sys, reducing required RHR flowrate during refueling operations & instituting addl criteria to improve overall RHR capability.  
HEBDON,F.J. Project Directorate IV (891001-900602) 90/02/21. 14pp 52973 076-52973 089.

9003090338 Safety evaluation supporting Amend 35 to License NPF-42.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/21. 4pp 52973 080-52973 093.

9003080423 Forwards "Semiannual Radioactive Effluent Release Rept 10 for Jul-Dec 1989" & Rev 5 to "ODCM for Wolf Creek Generating Station".  
BAILEY,J.A. Wolf Creek Nuclear Operating Corp. 90/02/23 Document Control Branch (Document Control Desk) 1p 62898 051-52898-235.

9003090076 Rev 5 to "ODCM for Wolf Creek Generating Station".  
\* Wolf Creek Nuclear Operating Corp. 89/11/27. 162pp 52898 084-52898-235.

9003120572 Requests addl info re simulator certification, including exception to all refs to real time in ANSI/ANS-3.5-1985 and info requested within 60 days of ltr receipt.  
PICKETT,D.V. Project Directorate IV (891001-900602) 90/02/27. WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp 52998 302-52998 304.

9003080320 Application for amend to License NPF-42 revising Tech Spec 5.3.2.1.1. Requirement 4.8.4.1 & table of contents to delete ref to Table 3.8.1 re containment penetration on conductor overcurrent protective devices.  
RHOODES.F.T. Wolf Creek Nuclear Operating Corp. 90/03/02 Document Control Branch (Document Control Desk) 6pp 52893 287-52893 295

9003080321 Proposed Tech Specs re containment penetration on conductor overcurrent protective devices.  
\* Wolf Creek Nuclear Operating Corp. 90/03/02 3pp 52893 293-52893 295

9003160009 Forwards Amend 36 to License NPF-42 & safety evaluation. Amend modifies Tech Spec 3.4.10.4 by replacing Reactor Protection Sys P-7 interlock setpoint. PICKETT,D.V. Project Directorate IV (891001-900602) 90/03/05 WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp 53028 335-53028 345.

9003150014 Safety evaluation supporting Amend 36 to License NPF-42.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/05 3pp 53028 343-53028 345

9003150010 Amend 36 to License NPF-42, replacing ref to Reactor Protection Sys P-7 interlock setpoint w/ ref to P-10 setpoint during startup & physics tests.  
HEBDON,F.J. Project Directorate IV (891001-900602) 90/03/05 5pp 53028 347-53028 342

9003150072 Requests FR publication of notice of issuance of Amend 36 to License NPF-42. Amend revises Tech Spec 3.4.10.4 by replacing ref to Reactor Protection Sys P-7 interlock setpoint.  
PICKETT,D.V. Project Directorate IV (891001-900602) 90/03/05 NRC - No Del. Affiliation Given. 3pp 53025 143-53025 145

9003150425 Ack receipt of 891016 ltr in response to NRC 890919 ltr re alleged discrimination of employee concerning termination due to raising safety concerns to senior management action on L-6 taken.  
MARTIN,R.D. Region 4, Ofc of the Director. 90/03/06 WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 4pp 53030 250-53030 253

9003220004 Forwards list of unimplemented USIs at plant per utl 831127 response to Generic Ltr 89-21.  
PICKETT,D.V. Project Directorate IV (891001-900602) 90/03/13 WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 4pp 53105 200-53105 203

9003280245 Provides utl response to Generic Ltr 89-19 re request for action on resolution of USI A-47, "Safety Implication of Control Sys in LWR Nuclear Power Plants". Mods made to ESFAS logic design.  
RHOODES.F.T. Wolf Creek Nuclear Operating Corp. 90/03/19 Document Control Branch (Document Control Desk) 4pp 53147 159-53147 162.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re reassignment of staff position in Generic Ltr 89-28, item 2, Part 2 "Vendor Interface for Safety Related Components". Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195 014-53195 069

**Q. Inspection reports, IE Bulletins & correspondence**

9002260284 Forwards summary of 900111 meeting w/utl in utl corporate c/c re program to control safeguards, per Insp Rept 50-482/89-26. Attendees list & licensee handouts also encl.  
COLLINS.S.J. Region 4, Ofc of the Director. 90/02/13 WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 12pp 52721 013-52721 024

9002270198 Discusses Physical Security Insp Rept 50-482/89-26 on 900825-29 & forwards notice of violation. Two violations resulting from 1989 Insp also discussed in notice of violation.  
COLLINS.S.J. Region 4, Ofc of the Director. 90/02/13 WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp 52755 310-52755 314.

9002270199 Notice of violation from Insp on 890925-1204. Violations noted unattended safeguards info not stored in locked security container from Sept 1987 to Nov 1989 & inadequate controls over safeguards info from Sept 1987 to Sept 1989.  
\* Region 4, Ofc of the Director. 90/02/13. 2pp 52755 313-52755 314

9003020165 Forwards Insp Rept 50-482/90-02 on 900101-31 & notice of violation.  
COLLINS.S.J. Region 4, Ofc of the Director. 90/02/20 WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 3pp 52797 089-52797 106

9003020166 Notice of violation from Insp on 900101-31. Violations noted: licensee temporarily removed missile shield to one of two trains of essential svc water & fuel chaff tied off to fuel oil supply line for diesel generator B.  
\* Region 4, Ofc of the Director. 90/02/20 2pp 52797 092-52797 093

9003020168 Insp Rept 50-482/90-02 on 900101-31. Violations noted: Major areas inspected: plant status, operational safety verification, monthly surveillance observation, monthly maintenance observation & review of LERs.  
HOLLER,E.J. Region 4, Ofc of the Director. 90/02/15. 13pp 52787 094-52787 106

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking at 1000 psi". Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 89pp 52776 262-52776 380.

9003120223 Forwards total pump study & revises info previously provided on safety injection pumps & centrifugal charging pumps in response to NRC Bulletin 88-004, "Potential at Safety-Related Pump Loss".  
WITHERS,B.D. Wolf Creek Nuclear Operating Corp. 90/02/23. Document Control Branch (Document Control Desk). 23pp 52999 089-52999 111.

9003060103 Advises that NRC will perform independent verification insp on 900402-13 using mobile NDE trailer & team. Selected mod welds will be reinspected using various NDE methods, including radiography. Supplemental info encl.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/27. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 4pp. 52855-341-52855-344.

9002230283 NRC Info Notice 90-011, "Maint Delinquency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52776-163-52776-261.

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52844-001-52844-099.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 99pp. 52844-100-52844-198.

9003130699 Forwards Insp Rept 50-482/90-03 on 900116-18. No violations or deviations noted.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/05. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 3pp. 52995-208-52995-217.

9003130707 Insp Rept 50-482/90-03 on 900116-18. No violations noted. Major areas inspected: licensee radio/optical environ monitoring program.  
BAER, R.E., MURRAY, B. Region 4, Ofc of the Director. 90/02/22. 7pp. 52995-211-52995-217.

9003130709 Forwards Insp Rept 50-482/90-04 on 900205-09. No violations or deviations noted.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/05. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 3pp. 52994-135-52994-145.

9003130739 Insp Rept 50-482/90-04 on 900205-09. No violations or deviations noted. Major areas inspected: licensee actions on previous insp findings, followup on licensee actions on NRC info notices & welding melt control.  
ELLERSHAW, L., BARNES, J. Region 4, Ofc of the Director. 90/02/23. 8pp. 52994-138-52994-145.

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp. 52997-001-52997-094.

9003010172 NRC Info Notice 90-015, "Reciprocity: Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-189.

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52997-288-52997-016.

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844-199-52844-298.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copesulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52983-096-52983-189.

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52983-200-52983-299.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 108pp. 52983-300-52983-048.

9003190157 Forwards synopsis of rept of investigation 4-88-024 re B&B Promatec Corp. No evidence that B&B or KG&E personnel aware of specific reportable problems in 1984 & 85 disclosed.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/09. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 5pp. 53048-133-53048-137.

9003260196 Advises that Insp Rept 50-482/90-06 canceled. No insp rept will be issued for rept number.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/12. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 3pp. 53148-085-53148-087.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 88pp. 52987-180-52987-287.

9003230053 Responds to NRC 900213 ltr re violations noted in Insp Rept 50-482/89-28. Corrective actions: 10CFR73.71 App G reviewed to determine if any reporting requirements not properly reflected in security & operations procedures.  
WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 90/03/16. Document Control Branch (Document Control Desk). 6pp. 53138-265-53138-270.

9003230211 Forwards Insp Rept 50-482/90-05 on 900201-28 & notice of violation. NRC concerned that personnel & procedural deficiencies resulted in unavailability of turbine driven auxiliary feedwater pump.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/16. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 4pp. 53145-244-53145-264.

9003230213 Notice of violation from insp on 900201-28. Violation noted: failure to take adequate corrective action for previous violation & failure of licensee operations to verify ESP pump available as required by Tech Specs.  
\* Region 4, Ofc of the Director. 90/03/16. 2pp. 53145-248-53145-249.

9003230215 Insp Rept 50-482/90-05 on 900201-28. Violations noted: Major areas inspected: plant status, monthly maintenance observation, operational safety verification, monthly surveillance observation & onsite followup of event at power reactors.  
SKOW, M.E. Region 4, Ofc of the Director. 90/03/14. 15pp. 53145-250-53145-264.

9003270422 Ack receipt of 900207 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-482/89-30. Addl info re Exercise Weakness 50-482/89-30 needed. Weakness concerned failure of staff awareness of significant reactor condition.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/16. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 3pp. 53194-118-53194-124.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 88pp. 53035-129-53035-228.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132-001-53132-100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trp Units." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

## R. Periodic operating reports & related correspondence

9003090151 "1989 Annual Operating Rept for Wolf Creek Nuclear Generating Station." W/900228 ltr.  
BOYER, G.D. Wolf Creek Nuclear Operating Corp. 89/12/31. 17pp. 52967-129-52967-145.

9003190111 "Annual Safety Evaluation Rept 5 for Jan-Dec 1989." W/900309 ltr.  
WILLIAMS, M.G., BOYER, G.D., WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 89/12/31. 242pp. 53068-031-53068-272.

9003080423 Forwards "Semiannual Radioactive Effluent Release Rept 10 for Jul-Dec 1989" & Rev 5 to "ODCM for Wolf Creek Generating Station."  
BAILEY, J.A. Wolf Creek Nuclear Operating Corp. 90/02/23. Document Control Branch (Document Control Desk). 1p. 52998-051-52998-235.

9003090052 "Semiannual Radioactive Effluent Release Rept 10 for Jul-Dec 1989."  
BOYER, G.D., WILLIAMS, M.G. Wolf Creek Nuclear Operating Corp. 89/12/31. 32pp. 52998-052-52998-083.

9003090076 Rev 5 to "ODCM for Wolf Creek Generating Station."  
\* Wolf Creek Nuclear Operating Corp. 89/11/27. 152pp. 52998-084-52998-235.

9003200194 Monthly operating rept for Feb 1990 for Wolf Creek Generating Station. W/900315 ltr.  
WILLIAMS, M., BAILEY, J.A. Wolf Creek Nuclear Operating Corp. 90/02/28. 7pp. 53069-270-53069-276.

## S. Reportable occurrences, LERs & related correspondence

9002160186 Part 21 rept re backup rings furnished in spare parts seal kits & in 25 GPM 4 way valves as part of actuators made of incorrect matl Rings should be Vikon & have been identified as Buna N.  
KNECHT, W.G. Anchor/Darling Valve Co. (subs. of Anchor/Darling Industries, Inc.). 90/01/26. Ofc of Enforcement (Post 870413). 2pp. 52986-049-52986-050.

9003150043 LER 88-007-01 on 880513, determined that procedures for setting trip point for overpressure & overtemp differential instrument loops did not require setpoints to be reset conservatively. Setpoints recalculated W/900305 ltr.  
WILLIAMS, M.G., BAILEY, J.A. Wolf Creek Nuclear Operating Corp. 90/03/05. 6pp. 52998-053-52998-058.

9003140392 LER 90-001-00 on 900206, reactor tripped as result of loop low flow condition following trip of reactor coolant pump A, causing feedwater isolation & auxiliary feedwater actuation signals. Caused by high differential current. W/900308 ltr.  
WILLIAMS, M.G., BAILEY, J.A. Wolf Creek Nuclear Operating Corp. 90/03/08. 4pp. 53008-079-53008-082.

## V. Operator Examinations

9003070139 Forwards exam results, including answer keys, grading results for facility & individual answer sheets for each examinee as result of written operating licensing exams administered on 900207. Results should be forwarded to examinees.  
CALLAN, L.J. Region 4, Ofc of the Director. 90/02/26. FORCE, E.A. Arkansas Power & Light Co. ZELL, J.A. Wolf Creek Nuclear Operating Corp. 90pp. 52888-268-52888-357.

## DOCKET STN-50-483 CALLAWAY PLANT, UNIT 1

## F. Security, medical, emergency & fire protection plans

9003150414 Rev 18 to EIP EIP-ZZ-00201, "Notifications."  
FAULKNER, M.H. Union Electric Co. 89/11/15. 28pp. 53022-058-53022-083.

9002260421 Confirms 900227 enforcement conference at Region III ofc to discuss violations noted in Insp Rept 50-483/90-04 re inadequate control of safeguards mats.  
GREENMAN, E.G. Region 3, Ofc of the Director. 90/02/12. SCHNELL, D.F. Union Electric Co. 3pp. 52722-286-52722-288.

9003010224 Forwards Safeguards Insp Rept 50-483/90-04 on 900122-0208. Violations noted. Written response not required until enforcement actions decided.  
NORELIUS, C.E. Region 3, OIC of the Director. 90/02/16. SCHNELL, D.F. Union Electric Co. 2pp. 52781-028-52781-031.

9003010226 Partially withheld Physical Security Insp Rept 50-483/90-04 on 900122-0208 (ref 10CFR73.21). Violations noted. Major areas inspected: security plans & procedures, assessment aids, access control, vital area detection aids & security program audits.  
PITLIE, G.L., CREED, J.R., GREGER, L.R. Region 3, OIC of the Director. 90/02/15. 2pp. 52781-030-52781-031.

9003120722 Ack receipt of 900122 FEMA 17 & exercise report 891011 full-participation exercise at facility. Four deficiencies corrected via appropriate plan &/or procedural changes.  
GREGER, L.R. Region 3, OIC of the Director. 90/02/22. SCHNELL, D.F. Union Electric Co. 2pp. 52971-029-52971-109.

9003140257 Revised EIPs, including Rev 8 to EIP-ZZ-00211, Rev 7 to EIP-ZZ-00223 & Rev 11 to EIP-ZZ-00241.  
BLOSSER, J. Union Electric Co. 90/03/01. 75pp. 53000-013-53000-087.

9003260432 Forwards Enforcement Conference Rept 50-483/90-07 on 900227.  
NORELIUS, C.E. Region 3, OIC of the Director. 90/03/07. SCHNELL, D.F. Union Electric Co. 2pp. 53156-158-53156-173.

9003260435 Enforcement Conference Rept 50-483/90-07 on 900227. Violation noted. Major areas discussed: description of apparent violation re some safeguards into security containers not being properly secured & licensee perspective of issue.  
CREED, J.R., GREGER, L.R. Region 3, OIC of the Director. 90/03/07. 14pp. 53156-160-53156-173.

9003220051 Advises that 900222 proposed objectives & guidelines for emergency preparedness exercise on 900530 acceptable. Submittal reviewed vs guidance of Insp Procedure 82302.  
GREGER, L.R. Region 3, OIC of the Director. 90/03/09. SCHNELL, D.F. Union Electric Co. 1p. 53123-087-53123-087.

9003230155 Temporary Change Notice 90-0140 to Rev 11 to EIP-ZZ-00241, "Operational Support Ctr Operations."  
\* Union Electric Co. 90/03/12. 6pp. 53147-077-53147-082.

9003220065 Forwards Safety Insp Rept 50-483/89-24 on 900122-0202. No violations noted. Requests response within 30 days to open items identified in insp.  
MILLER, H.J. Region 3, OIC of the Director. 90/03/14. SCHNELL, D.F. Union Electric Co. 3pp. 53124-219-53124-248.

9003220066 Insp Rept 50-483/89-24 on 900122-0202. No violations noted. Major areas inspected: verification that emergency operating procedures technically correct & usable.  
HASSE, R.A., HOPKINS, J.A., BROWN, C.H. Region 3, OIC of the Director. 90/03/13. 27pp. 53124-222-53124-248.

9003270028 Forwards Rev 15 to physical security plan Rev withheld (ref 10CFR73.21).  
SCHNELL, D.F. Union Electric Co. 90/03/19. DAVIS, A.R. Region 3, OIC of the Director. 2pp. 53192-112-53192-113.

#### I. Financial Information

9003160465 "Annual Financial Rept for 1989." W/900312.  
SCHNELL, D.F. Union Electric Co. 89/12/31. 42pp. 53035-227-53035-270.

#### J. Insurance & Indemnity Information

9003140278 Forwards cash flow projection & certification to satisfy guarantee of payment of retrospective premiums.  
SCHNELL, D.F. Union Electric Co. 90/02/28. Document Control Branch (Document Control Desk). 4pp. 53000-142-53000-145.

#### P. Operating License stage documents & correspondence

9002220491 Requests emergency relief from Tech Spec 3.1.3.1.b due to electrical problem w/rod control sys. Action required to prevent plant shutdown from 100% power when adverse weather conditions exist in svc area.  
PASSWATER, A.C. Union Electric Co. 90/02/02. Document Control Branch (Document Control Desk). 3pp. 52703-309-52703-311.

9002230770 Requests add info re 891228 application for rev to Tech Spec Sections 5.3 & 5.6.1.1 & Bases 3/4.9.3 re storage of enriched fuel rods in spent fuel pool & bases for decay time prior to fuel movement.  
ATHAVALA, S.V. Project Directorate III-3. 90/02/18. SCHNELL, D.F. Union Electric Co. 4pp. 52719-231-52719-234.

9003060236 Forwards Amend 51 to License NPF-30 & safety evaluation. Amend revises Section 3/4.1.3 of Tech Specs & associated bases to allow continued operation for 72 h for diagnosis & repair w/control rod assemblies inoperable.  
ATHAVALA, S.V. Project Directorate III-3. 90/02/22. SCHNELL, D.F. Union Electric Co. 2pp. 52838-107-52838-121.

9003060238 Amend 51 to License NPF-30, allowing continued operation for 72 h for diagnosis & repair w/control rod assemblies inoperable.  
HANNON, J.N. Project Directorate III-3. 90/02/22. 9pp. 52838-109-52838-117.

9003060239 Safety evaluation supporting Amend 51 to License NPF-30.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/22. 2pp. 52838-118-52838-119.

9003060241 Notice of consideration of issuance of amend to License NPF-30. Amend allows continued operation for 72 h for diagnosis & repair w/control rod assemblies inoperable.  
ATHAVALA, S.V. Project Directorate III-3. 90/02/22. 2pp. 52838-120-52838-121.

9003090492 Requests NRC concurrence that leak chase sys is integral part of containment boundary & does not need to be vented during containment integrated leak test.  
SCHNELL, D.F. Union Electric Co. 90/02/23. Document Control Branch (Document Control Desk). 3pp. 52964-148-52964-150.

9003150396 Application for amend to License NPF-30, revising Tech Spec 3/4.7.1.2 to add condition to operation addressing flowpath requirements for motor & steam driven auxiliary feedwater pumps.  
SCHNELL, D.F. Union Electric Co. 90/03/06. Document Control Branch (Document Control Desk). 6pp. 53025-211-53025-220.

9003150397 Proposed Tech Spec 3/4.7.1.2, imposing add. requirements to statements if essential svc water sys valves to steam turbine-driven auxiliary feedwater pumps inoperable.  
\* Union Electric Co. 90/03/06. 4pp. 53025-217-53025-220.

9003190285 Application for amend to License NPF-30, revising Tech Specs & related bases re cycle-specific core operating parameters. Rev will relocate cycle-specific core parameters from Tech Specs & place them in core operating m's rept.  
SCHNELL, D.F. Union Electric Co. 90/03/06. Document Control Branch (Document Control Desk). 14pp. 53048-200-53048-265.

9003190270 Proposed Tech Specs re cycle-specific core operating parameters, relocating parameters from Tech Specs to core operating m's rept.  
\* Union Electric Co. 90/03/06. 52pp. 53048-214-53048-265.

9003210016 Forwards add info re storage of enriched fuel in spent fuel pool area.  
NRC 900216 request.  
SCHNELL, D.F. Union Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 8pp. 53093-297-53093-305.

9003160231 Application for amend to License NPF-30, revising Tech Specs 4.0.3.4.1 & associated bases to incorporate changes provided in Generic Ltr 87-03 d/o 870224.  
SCHNELL, D.F. Union Electric Co. 90/03/08. Document Control Branch (Document Control Desk). 6pp. 53036-038-53036-050.

9003160237 Proposed Tech Specs, incorporating changes provided in Generic Ltr 87-08 d/o 870604.  
\* Union Electric Co. 90/03/08. 7pp. 53036-044-53036-050.

9003230045 Advises that installation date for Regulatory Effectiveness Review Criterion 2.6.1 revised to 900531. Deficiency will be under continuous surveillance until correction made.  
SCHNELL, D.F. Union Electric Co. 90/03/08. HOLAHAN, G.M. Director of Reactor Projects - III, IV, V & Special Projects (Post 870411). 3pp. 53139-147-53139-149.

9003260166 Forwards safety evaluation concerning that venting of minor weld leak chase channels to containment integrated leak rate test unnecessary, provided visual inspection required by 10CFR50, App J performed as stated, per 900223 request.  
ATHAVALA, S.V. Project Directorate III-3. 90/03/14. SCHNELL, D.F. Union Electric Co. 3pp. 53175-337-53175-343.

9003260171 Safety evaluation concerning w/utl that containment minor weld leak chase channels venting during containment integrated leak rate test unnecessary, provided commitments to comply w/10CFR50, App J, including visual insp. made.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/14. 4pp. 53175-340-53175-343.

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relocation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp. 53195-014-53195-069.

#### O. Inspection reports, IE Bulletins & correspondence

9002260421 Confirms 900227 enforcement conference at Region III site to discuss violations noted in Insp Rept 50-483/90-04 re inadequate control of safeguards m's GREENMAN, E.G. Region 3, OIC of the Director. 90/02/12. SCHNELL, D.F. Union Electric Co. 3pp. 52722-286-52722-288.

9003010215 Forwards Safety Insp Rept 50-483/90-03 on 900124-25 & 900131 telcon. No violations noted.  
GREGER, L.R. Region 3, OIC of the Director. 90/02/16. SCHNELL, D.F. Union Electric Co. 2pp. 52815-294-52815-300.

9003010218 Insp Rept 50-483/90-03 on 900124-25 & 900131 telcon. No violations noted. Major areas inspected: radiochemistry & radiological environment monitoring programs, including QA/QC program in counting room, procedures, organization & training.  
HOLTZMAN, R.B., SCHUMACHER, M. Region 3, OIC of the Director. 90/02/13. 5pp. 52815-296-52815-300.

9003010224 Forwards Safeguards Insp Rept 50-483/90-04 on 900122-0208. Violations noted. Written response not required until enforcement actions decided.  
NORELIUS, C.E. Region 3, OIC of the Director. 90/02/16. SCHNELL, D.F. Union Electric Co. 2pp. 52781-028-52781-031.

9003010226 Partially withheld Physical Security Insp Rept 50-483/90-04 on 900122-0208 (ref 10CFR73.21). Violations noted. Major areas inspected: security plans & procedures, assessment aids, access control, vital area detection aids & security program audits.  
PITLIE, G.L., CREED, J.R., GREGER, L.R. Region 3, OIC of the Director. 90/02/15. 2pp. 52781-030-52781-031.

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 89pp. 52778-262-52778-360.

9002230263 NRC Info Notice 90-011, "Main Deficiency Associated W/ Stenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/28. Consolidated Edison Co. of New York, Inc. 89pp. 52778-163-52778-261.



32230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/28  
Consolidated Edison Co. of New York, Inc. 88pp. 52844.001-52844.089.

32270389 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/05  
Consolidated Edison Co. of New York, Inc. 89pp. 52844.100-52844.198

32280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Metals." Svc list encl.  
UNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729).  
Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094.

3010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
UNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729).  
Consolidated Edison Co. of New York, Inc. 95pp. 52997.095-52997.189

3010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
AKGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 87413).  
Consolidated Edison Co. of New York, Inc. 91pp. 52997.288-52997.318

3010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/07.  
Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298

3260432 Forwards Enforcement Conference Rept 50-483/90-07 on 900227.  
ORELIUS,C.E. Region 3, Oic of the Director. 90/03/07. SCHNELL,D.F. Union Electric Co. 2pp. 53156.153-53156.173

03260435 Enforcement Conference Rept 50-483/90-07 on 900227 Violation of Meas. or areas discussed description of apparent violation re some safeguards info currently contained not being properly secured & licensee perspective of issue.  
FED,J.R., GREGER,L.R. Region 3, Oic of the Director. 90/03/07. 14pp. 1159.160-53156.173.

3020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copositive Valves." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/08  
Consolidated Edison Co. of New York, Inc. 104pp. 52963.086-52963.199

3050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/09.  
Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

3050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/09.  
Consolidated Edison Co. of New York, Inc. 109pp. 52963.300-52963.048.

3220051 Advises that 900222 proposed objectives & guidelines for emergency preparedness exercise on 900530 acceptable. Submittal reviewed vs guidance of Insp procedure 82302.  
FEDER,L.R. Region 3, Oic of the Director. 90/03/09. SCHNELL,D.F. Union Electric Co. 1p. 53123.087-53123.087

1080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Circulation Spray at PWR Facilities." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/14.  
Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

3220065 Forwards Safety Insp Rept 50-483/89-24 on 900122-0202. No violations noted. Requests response within 30 days to open items identified in Insp.  
ELLER,H.J. Region 3, Oic of the Director. 90/03/14. SCHNELL,D.F. Union Electric Co. 3pp. 53124.219-53124.248

3220068 Insp Rept 50-483/89-24 on 900122-0202. No violations noted. Major tag inspected/verification that emergency operating procedures technically correct & able.

3220068 Insp Rept 50-483/89-24 on 900122-0202. No violations noted. Major tag inspected/verification that emergency operating procedures technically correct & able.

3260166 Forwards safety evaluation concurring that venting of liner would leak chase annulus to containment. Integrated leak rate test unnecessary, provided visual insps. performed by 10CFR50, App J performed as stated, per 900223 request.  
HAVALA,S.V. Project Directorate III-3. 90/03/14. SCHNELL,D.F. Union Electric Co. p. 53175.337-53175.343.

3230171 Safety evaluation concurring w/ull that containment liner would leak chase annulus venting during containment integrated leak rate test unnecessary, provided commitments to comply w/10CFR50, App J, including visual insp. made.  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/03/14. 4pp. 175-340-53175.343.

3300112 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box W." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/20.  
Consolidated Edison Co. of New York, Inc. 88pp. 53035.129-53035.226.

160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radiowave Incinerators." Svc list encl.  
UNNINGHAM,R.E. Division of Industrial & Medical Nuclear Safety (Post 870729).  
Consolidated Edison Co. of New York, Inc. 91pp. 53168.057-53168.147.

160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/22.  
Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl.  
ISSI,C.E. Division of Operational Events Assessment (Post 870411). 90/03/23.  
Consolidated Edison Co. of New York, Inc. 102pp. 53185.007-53185.108.

## R. Periodic operating reports & related correspondence

9003090271 "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989." W/900228 ltr.  
SCHNELL,D.F. Union Electric Co. 89/12/31. 38pp. 52966.326-52967.004.

9003150109 "Annual Personnel Exposure & Monitoring Rept 1989." W/900213 ltr.  
SCHNELL,D.F. Union Electric Co. 89/12/31. 5pp. 53059.352-53059.356

9003200158 Monthly operating rept for Feb 1990 for Callaway Plant, Unit 1. W/900305 ltr.  
MCCANN,R.J., BLOSSER,J.D. Union Electric Co. 90/02/28. 6pp. 53071.251-53071.256

## S. Reportable occurrences, LERs & related correspondence

9002160188 Part 21 rept re backup rings furnished in spare parts seal kits & in 25 GPM 4 way valves as part of actuators made of incorrect mat'l. Rings should be Viton & have been identified as Buna N.  
KNECHT,W.G. Anchor/Darling Valve Co. (subs. of Anchor/Darling Industries, Inc.) 90/01/26. Oic of Enforcement (Post 870413). 2pp. 52998.049-52998.050.

9003150328 LER 90-002.00 on 900202, control rod urgent failure alarm received during monthly surveillance on movable control rod assemblies. Caused by defective chip on circuit card. Card replaced W/900305 ltr.  
EVANS,K.R., BLOSSER,J.D. Union Electric Co. 80/03/05. 6pp. 52998.085-52998.090.

## DOCKET STN-50-498 SOUTH TEXAS PROJECT, UNIT 1

## F. Security, medical, emergency & fire protection plans

9002220539 Requests consideration of scenario manual for 800404 graded emergency preparedness exercise as proprietary info until after graded exercise.  
MCBURNETT,M.A. Houston Lighting & Power Co. 90/02/05. Document Control Branch (Document Control Desk). 2pp. 52700.293-52700.294

9003050261 Ack receipt of scenario for 1990 emergency preparedness exercise. Scenario appears reasonable.  
COLLINS,S.J. Region 4, Oic of the Director. 90/02/23. HALL,D.P. Houston Lighting & Power Co. 4pp. 52824.001-52824.004

9003060042 Forwards 891222 FEMA exercise evaluation rept for 800420 emergency preparedness exercise. No deficiencies observed during exercise.  
COLLINS,S.J. Region 4, Oic of the Director. 90/02/23. HALL,D.P. Houston Lighting & Power Co. 4pp. 52825.209-52826.020.

9003060097 Ack receipt of 900105 ltr transmitting objectives & guidelines for upcoming emergency preparedness exercise. Objectives appear reasonable.  
COLLINS,S.J. Region 4, Oic of the Director. 90/02/26. HALL,D.P. Houston Lighting & Power Co. 4pp. 52856.098-52856.101.

9003120100 Revised EIPs including Rev 9 to OERP01-2A-001 & Rev 2 to OERP02-2A-004. W/900301 ltr.  
MCBURNETT,M.A. Houston Lighting & Power Co. 80/03/01. 38pp. 52968.176-52968.213

9003220081 Ack receipt of 800626 & 1120 ltrs informing NRC of steps taken to correct violations noted in Insp Repts 50-498/89-12 & 50-499/89-12.  
COLLINS,S.J. Region 4, Oic of the Director. 90/03/08. HALL,D.P. Houston Lighting & Power Co. 4pp. 53145.174-53145.181.

9003200031 Forwards Rev 15 to physical security plan. Rev withheld (ref 10CFR73.21).  
MCBURNETT,M.A. Houston Lighting & Power Co. 90/03/12. Document Control Branch (Document Control Desk). 2pp. 53075.109-53075.110.

9003220281 Forwards NRC regulatory impact survey questionnaire sheets in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Brief summary table of questionnaire data also encl.  
MCBURNETT,M.A. Houston Lighting & Power Co. 90/03/16. Document Control Branch (Document Control Desk). 29pp. 53122.229-53122.257.

## P. Operating license stage documents & correspondence

9002270064 Application for amendments to Licenses NPF-71 & NPF-80, revising Tech Specs re London surveillance.  
ROSEN,S.L. Houston Lighting & Power Co. 90/02/14. Document Control Branch (Document Control Desk). 4pp. 52745.090-52745.095.

9002270068 Proposed Tech Specs re London surveillance.  
Houston Lighting & Power Co. 90/02/14. 2pp. 52745.094-52745.095.

9003090202 Forwards nonproprietary & proprietary Rev 1, Suppl 2 to WCAP-12067 & WCAP-12067, "Reconciliation of Fatigue Crack Growth Results for South Texas Project Unit 1 Surge Line," per NRC Bulletin 88-011. WCAP-12067 withheld (ref 10CFR2.790).  
ROSEN,S.L. Houston Lighting & Power Co. 90/02/28. Document Control Branch (Document Control Desk). 6pp. 53052.328-53052.361.

9003090214 Requests that WCAP-12067, Rev 1, Suppl 2, "Reconciliation of Fatigue Crack Growth Results for South Texas Project Unit 1 Surge Line" be withheld (ref 10CFR2.790).  
WIESEMANN,R.A. Westinghouse Electric Corp. 90/02/28. Document Control Branch (Document Control Desk). 15pp. 53052.334-53052.348.

9003090228 Nonproprietary Rev 1, Suppl 2 to "Reconciliation of Fatigue Crack Growth Results for South Texas Project Unit 1 Surge Line."  
WITT,F.J., COSLOW,B.J., LIU,T.H. Westinghouse Electric Corp. WCAP-12067 R01 S02. 90/02/28. 13pp. 63052.350-53052.361.

9003130151 Forwarded safety evaluation accepting 880222 inservice insp program for first 10-yr interval & until 890511 requests for relief from ASME Section XI inservice insp requirements. Technical evaluation report also encl.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/02/22. Document Control Branch (Document Control Desk) 6pp 52994 186-52994 217

9003130152 Forwarded safety evaluation accepting 880222 inservice insp program for first 10-yr interval & until 890511 requests for relief from ASME Section XI inservice insp requirements. Technical evaluation report also encl.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/02/22. Document Control Branch (Document Control Desk) 6pp 52795 345-52795 049

9003130497 Proposed Tech Spec 5.3.1 re max enrichment of fuel assemblies in reactor core  
Houston Lighting & Power Co. 90/03/01. 3pp 52994 184-52994 156

9003130501 Criticality Analysis of South Texas Project Fresh Fuel Rack  
FECTEAU, M. B. SWAS, D. K. E. G. D. Houston Lighting & Power Co. 89/12/31. 21pp 52934 197-52994 217

9003130392 Forwarded environ assessment & finding of no significant impact re one-time exemption from App J to 10CFR50  
DICK, G.F. Project Directorate IV (891001-900502). 90/03/07. HALL, D.P. Houston Lighting & Power Co. 4pp 53029 344-53029 350

9003130402 Notice of environ assessment & finding of no significant impact re issuance of one-time exemption from requirements of App J to 10CFR50  
HEBDON, F.J. Project Directorate IV (891001-900602). 90/03/07. 3pp 53020 348-53020 350

9003160101 Application for amendments to Licenses NPF-76 & NPF-80, changing Tech Spec 3.3.3.6 re pressurizer level monitoring channels inoperable  
VAUGHN, G.E. Houston Lighting & Power Co. 90/03/07. Document Control Branch (Document Control Desk) 7pp 53036 311-53036 323

9003160107 Proposed Tech Spec eliminating requirement to shutdown if one of four pressurizer level post-accident monitoring channels inoperable  
Houston Lighting & Power Co. 90/03/07. 6pp 53036 318-53036 323

9003160240 Responds to Generic Ltr 88-17, "Loss of DHR." Will revise appropriate procedures to require entering reduced inventory operation at 3 ft below reactor vessel range  
VAUGHN, G.E. Houston Lighting & Power Co. 90/03/09. Document Control Branch (Document Control Desk) 3pp 53036 033-53036 035

9003200440 Forwarded "Suppl 3 to Qualified Display Processing Sys (QDPS) Verification & Validation Process." final report & Summary of Qualified Display Processing Sys (QDPS) Recurring Component Failure Data  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/12. Document Control Branch (Document Control Desk) 4pp 53075 205-53075 222

9003200441 "Suppl 3 to Qualified Display Processing Sys (QDPS) Verification & Validation Process." final report  
Houston Lighting & Power Co. 89/12/31. 11pp 53075 209-53075 219

9003200443 "Summary of Qualified Display Processing Sys (QDPS) Recurring Component Failure Data"  
Houston Lighting & Power Co. 90/03/31. 3pp 53075 220-53075 222

9003220009 Forwarded list of unimplemented USIs for plant per 891204 response to Generic Ltr 88-21.  
DICK, G.F. Project Directorate IV (891001-900602). 90/03/12. HALL, D.P. Houston Lighting & Power Co. 5pp 53113 281-53113 285

9003260216 Forwarded notice of consideration of issuance of amendments to Licenses NPF-76 & NPF-80 & proposed NSHC determination & opportunity for hearing on 900307 request to revise Tech Specs re inoperable pressurizer monitoring channels  
DICK, G.F. Project Directorate IV (891001-900502). 90/03/13. HALL, D.P. Houston Lighting & Power Co. 4pp 53189 045-53189 055

9003260237 Notice of consideration of issuance of amendments to Licenses NPF-76 & NPF-80 & proposed NSHC determination & opportunity for hearing Amend revises Tech Spec 3.3.3.6 re inoperable pressurizer level post-accident channels  
DICK, G.F. Project Directorate IV (891001-900602). 90/03/13. 7pp 53189 049-53189 055

9003220005 Forwarded notice granting one-time scheduled exemption from Type C test frequency requirements of 10CFR50, App J, Section III D.3.  
HEBDON, F.J. Project Directorate IV (891001-900602). 90/03/14. HALL, D.P. Houston Lighting & Power Co. 4pp 53105 184-53105 180

9003220007 Exemption from 10CFR50, App J, Section III D.3 requirements re Type C tests on containment isolation valves each refueling outage.  
HOLAHAN, G.M. Division of Reactor Projects - III, IV & Special Projects (Post 870411). 90/03/14. Houston Lighting & Power Co. 3pp 53105 188-53105 190

9003220281 Forwarded NRC regulatory impact survey questionnaire sheets in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Brief summary table of questionnaire data also encl.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/16. Document Control Branch (Document Control Desk) 28pp 53122 229-53122 257

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW, J.G. Associate Director for Projects (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 55pp 53195 014-53195 069

9003130152 Forwarded safety evaluation accepting 880222 inservice insp program for first 10-yr interval & until 890511 requests for relief from ASME Section XI inservice insp requirements. Technical evaluation report also encl.  
DICK, G.F. Project Directorate IV (891001-900602). 90/02/22. HALL, D.P. Houston Lighting & Power Co. 4pp 52994 308-52994 334

9003130158 Safety evaluation on accepting 880222 inservice insp program for first 10-yr interval & until 890511 requests for relief from ASME Section XI inservice insp requirements for pressurizer & steam generator  
Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/22. 4pp 52994 312-52994 315

9003130186 "Technical Evaluation Report on First 10-Yr Interval Inservice Insp Program for South Texas Project Electric Generating Station Unit 1"  
BROWN, B.W. MUDLIN, J.D. EG&G Idaho, Inc. (subs of EG&G, not EG&G). EG&G Idaho National Engineering Laboratory. F.N.D. 6022. EGG-MS 5846 89/11/23. No Correlated Affiliation Given. 20pp 52994 316-52994 334

9002160093 NRC Info Notice 90-019, "Primary Water Stress Corrosion Cracking of Reactor Core 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 260

9003090075 Ack receipt of 890909 & 900111 ltrs informing NRC of steps taken to correct violations noted in insp Repts 50-498/89-15 & 50-499/89-15  
COLLINS, S.J. Region 4, Oic of the Director. 90/02/23. HALL, D.P. Houston Lighting & Power Co. 4pp 52951 086-52951 089

9003060192 Forwarded Insp Repts 50-498/90-03 & 50-499/90-03 on 900115 ltr re violations of deviations noted Major areas inspected: condensate water chemistry & radiometric programs including water chemistry & radiometric confirmatory measurements.  
COLLINS, S.J. Region 4, Oic of the Director. 90/02/26. HALL, D.P. Houston Lighting & Power Co. 5pp 52851 274-52851 312

9003060193 Insp Repts 50-498/90-03 & 50-499/90-03 on 900115 ltr re violations of deviations noted Major areas inspected: condensate water chemistry & radiometric programs including water chemistry & radiometric confirmatory measurements.  
COLLINS, S.J. Region 4, Oic of the Director. 90/02/26. HALL, D.P. Houston Lighting & Power Co. 5pp 52851 279-52851 312

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated With Steam-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 88pp 52844 001-52844 099

9003080202 Forwarded nonproprietary & proprietary Row 1, Suppl 2 to WCAP-12087 & WCAP-12087, "Reconciliation of Fatigue Crack Growth Results for South Texas Project Unit 1 Surge." per NRC Bulletin 88-011, WCAP-12087 withdrawn per 10CFR2790.

ROSEN, S.L. Houston Lighting & Power Co. 90/02/28. Document Control Branch (Document Control Desk) 6pp 53052 328-53052 361

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safety-related Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 99pp 52844 100-52844 198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870725). 90/03/06. Consolidated Edison Co. of New York, Inc. 88pp 52997 001-52997 034

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870725). 90/03/07. Consolidated Edison Co. of New York, Inc. 95pp 52997 095-52997 165

9003010227 NRC Info Notice 90-016, "Compliance With New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp 52997 288-52997 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23. Consolidated Edison Co. of New York, Inc. 100pp 52844 199-52844 288

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes Vulcan Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/28. Consolidated Edison Co. of New York, Inc. 104pp 52963 098-52963 159

Forwards Insp Repts 50-499/90-02 & 50-499/90-02 on 900108-12 & notice of violation from Insp on 900108-12 violations noted design re: seismic retaining clips on Class 1E electrical relays not incorporated into instructions & verification testing not performed  
J. Region 4, Ofc of the Director. 90/03/08 HALL, D.P. Houston Lighting & Power Co. 52996 239-52996:257

Notice of violation from Insp on 900108-12 violations noted design re: seismic retaining clips on Class 1E electrical relays not incorporated into instructions & verification testing not performed  
Ofc of the Director. 90/03/08 2pp 52996 244-52996 245.

Insp Repts 50-498/90-02 & 50-499/90-02 on 900108-12 Violations areas inspected previous Insp findings, procurement program, commercial, development, dead calson activities & QA & Part 21 program  
W.L.E. GILBERT, L.D. BOARDMAN, J.R. Region 4, Ofc of the Director. 90/03/08 52996 246-52996 257

Ack receipt of 890626 & 1120 ltrs informing NRC of steps taken to correct noted in Insp Repts 50-498/89-12 & 50-499/89-12  
J. Region 4, Ofc of the Director. 90/03/08 HALL, D.P. Houston Lighting & Power Co. 53145 174-53145 181

NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Re of d on Diesel Generator Air Start Recever Tanks." Svc list encl  
Division of Operational Events Assessment (Post 870411). 90/03/09 Edison Co of New York, Inc. 106pp 52963 203-52963 299

NRC Bulletin 90-001, "Loss of F.I.O.I in Transmitters Mfg by Rosemount"  
Division of Operational Events Assessment (Post 870411). 90/03/09 Edison Co of New York, Inc. 109pp 52963 303-52964 048

NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Spray at PWR Facilities." Svc list encl  
Division of Operational Events Assessment (Post 870411). 90/03/14 Edison Co of New York, Inc. 98pp 52997 193-52997 287

Forwards NRC regulatory impact survey questionnaire sheets in response Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Brief summary table of questionnaire data also encl  
M.C.BURNETT, M.A. Houston Lighting & Power Co. 90/03/16 Document Control Branch (Document Control Desk). 29pp 53122 229-53122 257

Forwards status of actions committed to re NRC Bulletin 88-004 in re Dick request  
M.C.BURNETT, M.A. Houston Lighting & Power Co. 90/03/16 Document Control Branch (Document Control Desk). 4pp 53147 018-53147 021

Forwards Insp Repts 50-498/90-08 & 50-499/90-08 on 900201-28 & notice of violation from Insp on 900201-28 violations noted  
J. Region 4, Ofc of the Director. 90/03/16 HALL, D.P. Houston Lighting & Power Co. 53147 083-53147 102

Notice of violation from Insp on 900222 violation noted procedures that noted requirements of Tech Specs Surveillance 4.7.3 did not exist as of 900222  
Ofc of the Director. 90/03/16 2pp 53147 080-53147 089

Insp Repts 50-498/90-08 & 50-499/90-08 on 900201-28 Violations areas inspected, plant status, on-site followup of events, operational safety ESF sys walkdown & monthly maint & surveillance observations  
J. Region 4, Ofc of the Director. 90/03/16. 13pp 53147 090-53147 102

Forwards Insp Repts 50-498/90-07 & 50-499/90-07 on 900122-26 No violation noted  
J. Region 4, Ofc of the Director. 90/03/16 HALL, D.P. Houston Lighting & Power Co. 53164 005-53164 013

Insp Repts 50-498/90-07 & 50-499/90-07 on 900122-26 Major areas cold weather protection & followup of licensee reported events  
D.L. GAGLIARDO, D.L. Region 4, Ofc of the Director. 90/03/09. 5pp 53164 013

NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box at encl  
Division of Operational Events Assessment (Post 870411). 90/03/20 Edison Co of New York, Inc. 98pp 53035 129-53035 228

NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Waste Incinerators." Svc list encl  
I.A.M.R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) Consolidated Edison Co of New York, Inc. 91pp 53166 057-53166 147

NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Operate Because Valve Seat Friction Was Underestimated." Svc list encl  
Division of Operational Events Assessment (Post 870411). 90/03/22 Edison Co of New York, Inc. 100pp 53132 001-53132 100

NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following of Power to Rosemount Transmitter Trip Units." Svc list encl  
Division of Operational Events Assessment (Post 870411). 90/03/23 Edison Co of New York, Inc. 102pp 53165 007-53165 108

#### Operating reports & related correspondence

"Semi-annual Radioactive Effluent Release Rept for Second Half 1989." Ltr  
M.C.BURNETT, M.A. Houston Lighting & Power Co. 89/12/31 181pp 52857 142-

"Annual Rept of Number of Personnel Receiving Greater Than 100 mrem of Exposure by Work & Job Function, 1989." W/890301 Ltr  
M.C.BURNETT, M.A. Houston Lighting & Power Co. 89/12/31. 7pp 52974 014-

9003220020 Monthly operating reports for Feb 1990 for South Texas Units 1 & 2 W/900312 Ltr  
KENT, A.P. MCBURNETT, M.A. Houston Lighting & Power Co. 90/02/28 14pp 53112 254-53112 267

90032200261 Forwards NRC regulatory impact survey questionnaire sheets in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Brief summary table of questionnaire data also encl  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/16 Document Control Branch (Document Control Desk). 29pp 53122 229-53122 257

#### S. Reportable occurrences, LERs & related correspondence

9003200186 Part 21 re: failure of connecting rod in standby diesel generator 22. Initially reported on 891208 Cn 891128 master connecting rod failed. Caused by over-driving of oil holes. Final re: "Finite Element Analysis of KSV-4-2A." encl  
STC, B.A.F. B. Cooper Industries, Inc. 90/03/08 MURPHY, T.E. Office of Nuclear Reactor Regulation Director (Post 870411). 4pp 53078 220-53078 270

9003200224 Final Rept AM-1852-C-1A, "Finite Analysis of KSV-4-2A Master Connecting Rod." applied mechanics re:pt  
COOPER, J.M. Cooper Industries, Inc. AM-1852-C-1A 90/02/26 47pp 53078 224-53078 270

9003200416 Special re:pt on 900209 standby diesel generator 11 failed. Caused by carbonization of 3L/P relay socket & base due to short circuit during tightening of lug Relay socket & base cleaned & diesel successfully tested  
VAUGHN, G.E. Houston Lighting & Power Co. 90/03/08 Document Control Branch (Document Control Desk). 3pp 53078 159-53078 161

#### DOCKET STN-50-499 SOUTH TEXAS PROJECT, UNIT 2

#### F. Security, medical, emergency & fire protection plans

90022200539 Requests consideration of scenario manual for 900404 graded emergency preparedness exercise as proprietary info until after graded exercise  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/02/05 Document Control Branch (Document Control Desk). 2pp 52780 233-52780 284

9003050281 Ack receipt of scenario for 1990 emergency preparedness exercise. Scenario appears reasonable  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/23 HALL, D.P. Houston Lighting & Power Co. 4pp 52824 001-52824 004

9003060042 Forwards 891222 FEMA exercise evaluation re:pt for 890426 emergency preparedness exercise. No deficiencies observed during exercise  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/23 HALL, D.P. Houston Lighting & Power Co. 4pp 52825 249-52826 020

9003060097 Ack receipt of 900165 ltr transmitting objectives & guidelines for upcoming emergency preparedness exercise. Objectives appear reasonable  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/26 HALL, D.P. Houston Lighting & Power Co. 4pp 52856 008-52856 101

9003120100 Revised EIPs, including Rev 9 to OEPP01-2A-001 & Rev 2 to OEPP02-2A-004 W/900331 Ltr  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/01. 38pp 52868 176-52868 213

9003220081 Ack receipt of 890626 & 1120 ltrs informing NRC of steps taken to correct violations noted in Insp Repts 50-498/89-12 & 50-499/89-12  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/08 HALL, D.P. Houston Lighting & Power Co. 4pp 53145 174-53145 181

9003200031 Forwards Rev 15 to physical security plan Rev withheld (ref 10CFR73.21).  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/12 Document Control Branch (Document Control Desk). 2pp 53075 109-53075 110

9003220081 Forwards NRC regulatory impact survey questionnaire sheets in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Brief summary table of questionnaire data also encl  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/16 Document Control Branch (Document Control Desk). 29pp 53122 229-53122 257

#### P. Operating license stage documents & correspondence

9002270064 Application for amendments to Licenses NPF-71 & NPF-80, revising Tech Specs re tendon surveillance.  
ROSEN, S.L. Houston Lighting & Power Co. 90/02/14 Document Control Branch (Document Control Desk). 4pp 52745 090-52745 095

9002270068 Proposed Tech Specs re tendon surveillance.  
Houston Lighting & Power Co. 90/02/14 2pp 52745 094-52745 095

9003090202 Forwards nonproprietary & proprietary Rev 1, Suppl 2 to WCAP-12087 & WCAP-12087, "Reconciliation of Fatigue Crack Growth Results for South Texas Project Unit 1 Surge..." per NRC Bulletin 88-011, WCAP-12087 withheld (ref 10CFR2.700).  
ROSEN, S.L. Houston Lighting & Power Co. 90/02/28 Document Control Branch (Document Control Desk). 6pp 53052 328-53052 361

9003080347 Forwards responses to questions raised by Sandia during review of plant PRA covering steam generator dryout.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/01 Document Control Branch (Document Control Desk). 19pp 52893 112-52893 130

9003120058 Provides addl info re proposed amend to Tech Spec 3.3.3.7, clarifying conflicting actions statements for chemical detection sys, control room intake air radioactivity-high & control room makeup & cleanup filtration sys.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/03/01 Document Control Branch (Document Control Desk). 3pp 52871 311-52871 313

9003130489 App. cation for amends to Licenses NPF-76 & NPF-80, revising Tech Spec 5.3.1 to allow max enrichment of 4.5 weight % U-235 to increase fuel discharge burnups in future "Criticality Analysis of South Texas Units 1" also encl  
ROSEN, S.L. Houston Lighting & Power Co. 90/03/01 Document Control Branch (Document Control Desk) 8pp 52994.186-52994.217

9003130497 Proposed Tech Spec 5.3.1 re max enrichment of fuel assemblies in reactor core  
Houston Lighting & Power Co. 90/03/01 3pp 52994.194-52994.196

9003130501 "Criticality Analysis of South Texas Project Fresh Fuel Rods"  
FECTEAU, I., BISWAS, D., KRIEG, D. Houston Lighting & Power Co. 89/12/31 21pp 52994.197-52994.217

9003160101 Application for amends to Licenses NPF-76 & NPF-80, changing Tech Spec 3.3.3.6 re pressurizer level/monitoring requirement to shutdown if one of four pressurizer level post-accident monitoring channels inoperable  
VAUGHN, G.E. Houston Lighting & Power Co. 90/03/07 Document Control Branch (Document Control Desk) 7pp 53036.311-53036.323

9003160107 Proposed Tech Spec, eliminating requirement to shutdown if one of four pressurizer level post-accident monitoring channels inoperable.  
Houston Lighting & Power Co. 90/03/07 6pp 53036.318-53036.323

9003160240 Responds to Generic Ltr 88-17, "Loss of DHR" Util will revise appropriate procedures to require entering reduced inventory operation at 3 h below reactor vessel flange  
VAUGHN, G.E. Houston Lighting & Power Co. 90/03/09 Document Control Branch (Document Control Desk) 3pp 53036.033-53036.035

9003200440 Forwards "Suppl 3 to Qualified Display Processing Sys (QDPS) Verification & Validation Process" final rept; & "Summary of Qualified Display Processing Sys (QDPS) Recurring Component Failure Data"  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/12 Document Control Branch (Document Control Desk) 4pp 53075.205-53075.222

9003200441 "Suppl 3 to Qualified Display Processing Sys (QDPS) Verification & Validation Process." Final rept  
Houston Lighting & Power Co. 89/12/31 11pp 53075.209-53075.219.

9003200443 "Summary of Qualified Display Processing Sys (QDPS) Recurring Component Failure Data"  
Houston Lighting & Power Co. 90/03/31 3pp 53075.220-53075.222

9003220009 Forwards list of unimplemented USIs for plant per 891204 response to Generic Ltr 89-21  
DICK, G.F. Project Directorate IV (891001-900602) 90/03/12 HALL, D.P. Houston Lighting & Power Co. 5pp 53113.281-53113.285

9003260216 Forwards notice of consideration of issuance of amends to Licenses NPF-76 & NPF-80 & proposed NSHC determination & opportunity for hearing on 900307 request to revise Tech Specs re inoperable pressurizer level post-accident channels.  
DICK, G.F. Project Directorate IV (891001-900602) 90/03/13 HALL, D.P. Houston Lighting & Power Co. 4pp 53169.045-53169.055

9003260237 Notice of consideration of issuance of amends to Licenses NPF-76 & NPF-80 & proposed NSHC determination & opportunity for hearing Amend revises Tech Spec 3.3.3.6 re inoperable pressurizer level post-accident channels.  
DICK, G.F. Project Directorate IV (891001-900602) 90/03/13 7pp 53169.048-53169.055

9003260281 Forwards NRC regulatory impact survey questionnaire sheets in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Brief summary table of questionnaire data also encl.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/16 Document Control Branch (Document Control Desk) 29pp 53122.229-53122.257

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28 Item 2.2 Part 2, "Vendor Interface for Safety-Related Components" Svc list encl  
PARTLOW, J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195.014-53195.069

#### Q. Inspection reports, IE Bulletins & correspondence

9002280209 Forwards Insp Rept 50-498/80-04 & 50-499/90-04 on 900101-31 Violations noted but not cited  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/20 HALL, D.P. Houston Lighting & Power Co. 4pp 52761.080-52761.095

9002280211 Insp Repts 50-498/80-04 & 50-499/90-04 on 900101-31 Violations noted Major areas inspected plant status, operational safety verification, monthly maint & surveillance observations & complex surveillance observation  
HOLLER, J. Region 4, Ofc of the Director. 90/02/18 12pp 52761.084-52761.095

9003200448 Responds to NRC 900123 ltr re violations noted in Insp Repts 50-498/89-47 & 50-499/89-47 Corrective actions heat trace circuit temp controllers calibr & analog indication checked & found within tolerance on all but three channels.  
VAUGHN, G.E. Houston Lighting & Power Co. 90/02/22 Document Control Branch (Document Control Desk) 5pp 52795.045-52795.049

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776.262-52776.360

9003090076 Ack receipt of 890809 & 900111 ltrs informing NRC of steps taken to correct violations noted in Insp Repts 50-498/89-15 & 50-499/89-15  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/23 HALL, D.P. Houston Lighting & Power Co. 4pp 52650.006-52650.009

9003080192 Forwards Insp Repts 50-498/90-03 & 50-499/90-03 on 900115-19 No violations or deviations noted Licensee performed extensive research in resolving boron analysis problem experienced during Insp.  
COLLINS, S.J. Region 4, Ofc of the Director. 90/02/28 HALL, D.P. Houston Lighting & Power Co. 5pp 52851.274-52851.312

9003080193 Insp Repts 50-498/90-03 & 50-499/90-03 on 900115-19 No violations or deviations noted Major areas inspected licensee water chemistry & radionuclide programs including water chemistry & radionuclide conformity measurements  
NICHOLAS, J.B. WILBOH, L., MURRAY, B. Region 4, Ofc of the Director. 90/02/23 34pp 52851.279-52851.312

9002230283 NRC Info Notice 90-011, "Maint Deficiency Associated W/ Sealed-Off Isolated Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776.163-52776.261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 88pp 52844.001-52844.039

9003090202 Forwards nonproprietary & proprietary Rev 1, Suppl 2 to WCAP-12067 & WCAP-12067, "Reconciliation of Fatigue Crack Growth Results for South Texas Project Unit 1 Surge" per NRC Bulletin 88-011 WCAP-12067 withheld (10CFR2.790)  
ROSEN, S.L. Houston Lighting & Power Co. 90/02/28 Document Control Branch (Document Control Desk) 6pp 53052.328-53052.361

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safety-Related Event Logs" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52844.100-52844.198

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870411) 90/03/06 Consolidated Edison Co. of New York, Inc. 88pp 52997.001-52997.034

9003010172 NRC Info Notice 90-015, "Reciprocity Notification on Agreement States Radiation Control Directors Before Beginning Work in Agreement States" Svc list encl  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997.035-52997.163

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule" Svc list encl  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52997.283-52998.018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 100pp 52844.199-52844.298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copey Vulcan Valves" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc. 104pp 52963.098-52963.199

9003140009 Forwards Insp Repts 50-498/90-02 & 50-499/90-02 on 900108-12 & notice of violation No citation will be issued for violations of posting requirements of 10CFR21 & not re procurement specs for sealed bearings into purchases  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/08 HALL, D.P. Houston Lighting & Power Co. 5pp 52896.239-52896.257

9003140011 Notice of violation from Insp on 900108-12 Violations noted design requirement for seismic retaining clips on Class 1E electrical relays not incorporated into installation instructions & verification testing not performed.  
Region 4, Ofc of the Director. 90/03/08 2pp 52996.244-52996.245

9003140012 Insp Repts 50-498/90-02 & 50-499/90-02 on 900108-12 Violations noted Major areas inspected previous Insp findings, procurement program, commercial-grade procurement, dedication activities & QA & Part 21 program.  
ELLERSHAU, L.E., GILBERT, L.O., BOARDMAN, J.R. Region 4, Ofc of the Director. 90/02/22 12pp 52996.248-52996.257

9003220081 Ack receipt of 890626 & 1120 ltrs informing NRC of steps taken to correct violations noted in Insp Repts 50-498/89-12 & 50-499/89-12  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/08 HALL, D.P. Houston Lighting & Power Co. 4pp 53145.174-53145.181

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/29 Consolidated Edison Co. of New York, Inc. 100pp 52963.200-52963.299

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 109pp 52963.300-52963.048

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vcl for Containment Recirculation Spray at PWR Facilities" Svc list encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc. 98pp 52997.190-52997.287

9003220281 Forwards NRC regulatory impact survey questionnaire sheets in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Brief summary table of questionnaire data also encl.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/16 Document Control Branch (Document Control Desk) 29pp 53122.229-53122.257

9003220287 Forwards status of actions committed to re NRC Bulletin 88-004 in response to G Dick request.  
MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/16 Document Control Branch (Document Control Desk) 4pp 53147.018-53147.021

9003230223 Forwards Insp Repts 50-498/90-08 & 50-499/90-08 on 900201.28 & notice of violation  
COLLINS, S.J. Region 4, Ofc of the Director. 90/03/16 HALL, D.P. Houston Lighting & Power Co. 5pp 53147.083-53147.102

9003230228 Insp Repts 50-498/90-08 & 50-499/90-08 on 900122-26 violations noted. Major areas inspected plant status, on-site followup of events, operational safety verification, ESF sys walkdown & monthly maint & surveillance observations. SKC/M.E. Region 4, Ofc of the Director. 90/03/16 13pp. 53147 090-53147 102

9003270425 Forwards Insp Repts 50-498/90-07 & 50-499/90-07 on 900122-26. No violations or deviations noted. COLLINS, S.J. Region 4, Ofc of the Director. 90/03/16 HALL, O.P. Houston Lighting & Power Co. 4pp. 53164.005-53164.013.

-9003270426 Insp Repts 50-498/90-07 & 50-499/90-07 on 900122-26. Major areas inspected: cold weather protection & followup of licensee reported events. GARRISON, D.L., GAGLIARDO, D.L. Region 4, Ofc of the Director. 90/03/09 5pp. 53164.009-53164.013

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20 Consolidated Edison Co. of New York, Inc. 88pp. 53035.129-53035.226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22 Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147

9003160308 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22 Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23 Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.100

#### R. Periodic operating reports & related correspondence

9003050343 "Semiannual Radioactive Effluent Release Rept for Second Half 1989." W/900228. tr. MCBURNETT, M.A. Houston Lighting & Power Co. 89/12/31 161pp. 52857.142-52857.302

9003120075 "Annual Rept of Number of Personnel Receiving Greater Than 100 Mrem & Associated Exposure by Work & Job Function, 1989." W/900301. tr. MCBURNETT, M.A. Houston Lighting & Power Co. 89/12/31 7pp. 52974.014-52974.020

9003220820 Monthly operating repts for Feb 1990 for South Texas Units 1 & 2. W/900312. tr. KENT, A.P., MCBURNETT, M.A. Houston Lighting & Power Co. 90/02/28 14pp. 53112.254-53112.267.

9003220281 Forwards NRC regulatory impact survey questionnaire sheets in response to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Brief summary table of questionnaire data also encl. MCBURNETT, M.A. Houston Lighting & Power Co. 90/03/16. Document Control Branch (Document Control Desk). 29pp. 53122.228-53122.257.

#### S. Reportable occurrences, LERs & related correspondence

9003140403 LER 90-002-00 on 900202, Train S reactor trip breaker opened, initiating turbine & reactor trip & feedwater isolation on low average RCS temp. Cause unknown. Universal logic cards replaced & monitoring instruments installed W/900301. tr. AYALA, C., VAUGHN, G.E. Houston Lighting & Power Co. 90/03/01 5pp. 53006.088-53006.092

9003160200 Special rept on 900202 discovered that overspeed fuel shutoff & governor lever valve tripped. Caused by operator leaving valve in tripped position while performing maint activity on 900201. Valve reset & tested. VAUGHN, G.E. Houston Lighting & Power Co. 90/03/05. Document Control Branch (Document Control Desk). 4pp. 53049.045-53049.048.

9003200168 Part 21 rept re failure of connecting rod in standby diesel generator 22 initially reported on 891208. On 891128, master connecting rod failed. Caused by over-drawing of C.H. bolts. Final rept, "Finite Element Analysis of KSV-4-2A." encl. STOLBA, F.B. Cooper Industries, Inc. 90/03/08. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp. 53078.220-53078.270.

-9003200224 Final Rept AM-1852-C-1A, "Finite Analysis of KSV-4-2A Master Connecting Rod." applied mechanics rept. HORNE, J.M. Cooper Industries, Inc. AM-1852-C-1A. 90/02/26. 47pp. 53078.224-53078.270.

9003230118 LER 90-003-00 on 900214, discovered that Train B fuel handling bldg exhaust air filter outlet damper would not open. Caused by wiring error due to failure of technicians to follow work instructions. Technicians counseled W/900316. tr. AYALA, C., VAUGHN, G.E. Houston Lighting & Power Co. 90/03/16. 5pp. 53144.074-53144.078.

#### DOCKET STN-60-508 WPPSS NUCLEAR PROJECT, UNIT 3

##### A. Application/construction stage documents & correspondence

9003160126 Forwards compilation of responses to regulatory impact survey questionnaire per Generic Ltr 90-01. SORENSON, G.C. Washington Public Power Supply System. 90/03/01. PATERLOW, J.G. Associate Director for Projects (Post 870411). 8pp. 53039.344-53039.351.

##### Q. Inspection reports, IE Bulletins & correspondence

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ So'ened Operated Valves." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/02/20 Consolidated Edison Co. of New York, Inc. 99pp. 52776.163-52776.261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/02/20 Consolidated Edison Co. of New York, Inc. 88pp. 52844.031-52844.099.

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/05. Consolidated Edison Co. of New York, Inc. 88pp. 52844.100-52844.198

9002260081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mails." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/06 Consolidated Edison Co. of New York, Inc. 88pp. 52997.001-52997.094

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp. 52897.095-52897.189

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule." Svc list encl. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52897.288-52897.018

9003010293 Suppt 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/07. Consolidated Edison Co. of New York, Inc. 100pp. 52844.199-52844.298

9003020211 NRC Info Notice 90-017, "Weight & Cir of Gravity Discrepancies for Copres-Vulcan Valves." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/08 Consolidated Edison Co. of New York, Inc. 104pp. 52963.096-52963.199

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp. 52963.200-52963.299.

9003050148 NRC Bulletin 90-001, "Loss of Fr. Oil in Transmitters Mfg by Rosemount." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963.300-52963.408.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035.129-53035.226.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166.057-53166.147.

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/22. Consolidated Edison Co. of New York, Inc. 100pp. 53132.001-53132.100.

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemount Transmitter Trip Units." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411). 90/03/23. Consolidated Edison Co. of New York, Inc. 102pp. 53165.007-53165.108.

#### DOCKET STN-50-618 HARTSVILLE NUCLEAR PLANT, UNIT 1

##### Q. Inspection reports, IE Bulletins & correspondence

9003210021 Ack receipt of 880714 & 1129 lbs re violations noted in Insp Rept 50-518/87-01. Requirements of 10CFR2.201 not met. Supplementary response to item b of notice of violation should be provided within 30 days of ltr date. WILSON, B.A. Assistant Director for Inspection Programs. 90/03/06. KINGSLEY, O.D. Tennessee Valley Authority. 3pp. 53003.204-53003.208.

## DOCKET STN-50-528 PALO VERDE NUCLEAR STATION, UNIT 1

## F. Security, medical, emergency &amp; fire protection plans

9002260069 Forwards supplemental info supporting 900105 proposed amend to security plan, extending & expanding program for temporary unescorted access Enc's within first 10CFR73.21 & 2.750.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/02/21 Document Control Branch (Document Control Desk) 2pp 52709 341-52709 342

9003160156 Forwards Insp Repts 50-528/90-07, 50-529/90-07 & 50-530/90-07 on 900129 0202 & notice of violation UH investigation did not identify classification error thereby limiting opportunity to learn from experience.  
MARTIN,J.B. Region 5, Ofc of the Director 90/02/26 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 2pp 53036 051-53036 051

9003160180 Insp Repts 50-528/90-07, 50-529/90-07 & 50-530/90-07 on 900129 0202 Violations noted Major areas inspected emergency preparedness program & crisis to group of written reports of nonroutine events at power reactor facilities.  
PRENDERGAST,K. Region 5, Ofc of the Director 90/02/21 6pp 53036 051-53036 051

9003230143 Advises that util 63105 response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Water Benthic Acceptable Based on preparation of rev to security plan & procedures in place to address contingency."  
CHANN,L Project Directorate V 90/03/20 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 2pp 53146 102-53146 103

## P. Operating license stage documents &amp; correspondence

9002260376 Advises that individual plant exams (IPE) approach, methodology & schedule acceptable per util 63103 response to Generic Ltr 88-20 NRC should be notified of proposed change & reasons for change if schedule should change.  
CHANN,L Project Directorate V 90/02/26 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 2pp 52735 290-52736 292

9003020020 Forwards Amend 47 to License NPF 41 & safety evaluation Amend 47 revs Surveillance Requirement 4.5.2 h of Tech Spec 3/4.5.2 by specifying minor requirements during simultaneous hot leg & cold leg injection.  
CHANN,L Project Directorate V 90/02/22 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 52800 280-52800 295

9003020021 Amend 47 to License NPF 41, revising Surveillance Requirement 4.5.2 h of Tech Spec 3/4.5.2 by specifying minor requirements during simultaneous hot leg & cold leg injection.  
TRAMMELL,C.M. Project Directorate V 90/02/22 5pp 52800 280-52800 293

9003020022 Safety evaluation supporting Amend 47 to License NPF 41.  
\* Ofc of Nuclear Reactor Regulation, Director (Post 870411) 90/02/23 3pp 52800 294-52800 296

9003050032 Advises that util 900125 rev to Cycle 3 reload analysis report collecting replacement of eight new fuel assemblies as required as result of damage to one new fuel assembly during core alteration does not affect SER re Amend 44 to License.  
CHANN,L Project Directorate V 90/02/26 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 52836 341-52836 345

9003140442 Informs that 900126 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety Related Equipment," considers satisfactory.  
PETERSON,S.R. Project Directorate V 90/03/07 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 4pp 53001 321-53001 324

9003220292 Application for amendments to Licenses NPF-41, NPF-51 & NPF-74, revising Tech Spec 4.0.2 to remove 3.25 limit on extending surveillance intervals in accordance w/Genrec Ltr 89-14.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/03/08 Document Control Branch (Document Control Desk) 8pp 53112 281-53112 294

9003220294 Proposed Tech Spec 4.0.2, removing 3.25 limit on extending surveillance intervals in accordance w/Genrec Ltr 89-14.  
\* Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/03/08 6pp 53112 289-53112 294

9003260573 Forwards CENPO-278, Suppl 1, "Annual Rept on C-E ECCS Codes & Methods for 10CFR50.46."  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/03/13 Document Control Branch (Document Control Desk) 1p 63149:202-53149:212

9003260577 "Annual Rept on C-E ECCS Codes & Methods for 10CFR50.46," Suppl 1.  
\* Combustion Engineering, Inc. CENPO-278 S01, 90/02/28, 10pp 53149:203-53149:212

9003260338 Forwards list of incomplete USIs for facilities, including USI A-9 re ATWS per 10CFR50.62, USI A-44 re station blackout & USI A-47 re safety implications for control sys in LWRs.  
PETERSON,S.R. Project Directorate V 90/03/18 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 4pp 53150 082-53150 085

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation of staff position in Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components." Svc list encl.  
PARTLOW,J.G. Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc. 55pp 53195 014-53195 069

9003230127 Forwards AEOD Diagnostic Evaluation Team rept for plant per discussions during May 1989 senior mgt meeting w/ro encl.  
TAYLOR,J.M. Ofc of the Executive Director for Operations 90/03/20 CARR, ROBERTS, ROGERS Commissioners. 1p 53149:091-53149:091

## Q. Inspection reports, IE Bulletins &amp; correspondence

9003030323 Forwards Insp Repts 50-528/89-53, 50-529/89-53 & 50-530/89-53 on 891204-900129 No violations or deviations noted Concerns certified re technical adequacy of procurement program for dedication of commercial-grade items.  
KIRSCH,D.F. Region 5, Ofc of the Director 90/02/12 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 52694 264-52694 272

9003030323 Insp Repts 50-528/89-53, 50-529/89-53 & 50-530/89-53 on 891204-900129 No violations or deviations noted Major areas inspected commercial-grade procurement.  
HUEY,F.R. Region 5, Ofc of the Director 90/02/12 7pp 52694 267-52694 273

9003070011 Forwards Insp Repts 50-528/89-54, 50-529/89-54 & 50-530/89-54 on 891215-900129 & notice of violation.  
RICARDO,S. Region 5, Ofc of the Director 90/02/16 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 52653 216-52653 245

9003070013 Notice of violation from Insp on 891218-900129 Violation noted corrective action taken in response to 890212 occurrence re loss of power to auxiliary feedwater turbine if ratio valve (AFA-HV-54) maloperated.  
RICHARDS,S. Region 5, Ofc of the Director 90/02/16 1p 52653 214-52653 245

9003070014 Insp Repts 50-528/89-54, 50-529/89-54 & 50-530/89-54 on 891218-900129 Violation noted Major areas inspected power supply certified re maintenance activities & ESF sys walkdown.  
WONG,H. Region 5, Ofc of the Director 90/02/16 24pp 52653 220-52653 245

9003150090 Responds to NRC 900123 re re violations noted in Insp Rept 50-528/89-53 Corrective actions work orders amended & work re-performed & documented & review of core loading pattern, MFA transfer sheet & spent fuel pool map conducted.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/02/21 Document Control Branch (Document Control Desk) 11pp 53022 055-53022 055

9003160094 Provides addendum to response to violation noted in Insp Rept 50-528/89-53 Corrective actions radiation protection, chemistry, radiological effluents & radiation waste debris reorganized & rev to radiological effluent procedures.  
BAILEY,J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/02/21 Document Control Branch (Document Control Desk) 6pp 53340 033-53340 033

9003160305 Provides update on status of corrective actions discussed in 630323 & 1018 re re violation 50-528/89-03-01 corrective actions involve reorganization of radiation protection, chemistry, radiological effluents & radiation waste debris.  
BAILEY,J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/02/21 Document Control Branch (Document Control Desk) 6pp 53340 033-53340 033

9003020027 Advises that util response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," satisfactory.  
CHANN,L Project Directorate V 90/02/22 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 52795 155-52795 157

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Alcan 600." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52776 262-52776 263

9003160156 Forwards Insp Repts 50-528/90-07, 50-529/90-07 & 50-530/90-07 on 900129 0202 & notice of violation UH investigation did not identify classification error, thereby limiting opportunity to learn from experience.  
MARTIN,J.B. Region 5, Ofc of the Director 90/02/26 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 2pp 53036 051-53036 061

9003160159 Notice of violation from Insp on 900129 0202 Violation noted failure to implement EPIP 02 on 891230 & declare unusual event for fire in Unit 3 phase "A" main transformer.  
MARTIN,J.B. Region 5, Ofc of the Director 90/02/26 1p 53036 053-53036 053

9003160180 Insp Repts 50-528/90-07, 50-529/90-07 & 50-530/90-07 on 900129 0202 Violations noted Major areas inspected emergency preparedness program & onsite followup of written reports of nonroutine events at power reactor facilities.  
PRENDERGAST,K., YUHAS,G.P. Region 5, Ofc of the Director 90/02/23 9pp 53036 054-53036 061

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52776:163-52776 281

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52844:001-52844:039

9003260319 Forwards Insp Repts 50-528/90-09, 50-529/90-09 & 50-530/90-09 on 900212-16 No violations or deviations noted.  
YUHAS,G.P. Region 5, Ofc of the Director 90/03/02 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 2pp 53149 131-53149 138

9003260330 Insp Repts 50-528/90-09, 50-529/90-09 & 50-530/90-09 on 900212-16 No violations or deviations noted Major areas inspected liquids & liquid wastes, tours of licensee's facility & Insp Procedures 84723 & 30703 covered.  
RUSSELL,J., WENSLAWSKI,F. Region 5, Ofc of the Director 90/03/02 6pp 53149:133-53149:138

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp 52844:100-52844:198

Forwards Insp Repts 50-528/90-04, 50-529/90-04 & 50-530/90-04 on 0205-93 & 12-15 Violations noted Enforcement actions re findings of review of add similar event that occurred subsequent to Insp RA Region 5, Ofc of the Director 90/03/05 CONWAY,W.F. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 3pp. 53093-028.

Insp Repts 50-528/90-04, 50-529/90-04 & 50-530/90-04 on 000131-93 & 12-15 Violations noted Major areas inspected following of nonroutine Insp follow-up on inspector identified items. CHRISTIE,M.D., CARSON,I.C. Region 5, Ofc of the Director 90/03/02 031-53093-047

NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials" Svc AMJRE Division of Industrial & Medical Nuclear Safety (Post 870729) Consolidated Edison Co. of New York, Inc. 80pp. 52997-001-52997-003.

Responds to NRC 891209 letter violations noted in Insp Rept 50-528/89-04 actions night order initiated & procedures revised. F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) Document Control Branch (Document Control Desk) 10pp. 53025-153.

NRC Info Notice 90-015 "Reciprocity Notification of Agreement State Radiol Directors Before Beginning Work in Agreement States" Svc list encl. AMJRE Division of Industrial & Medical Nuclear Safety (Post 870729) Consolidated Edison Co. of New York, Inc. 95pp. 52997-095-52997-109.

NRC Info Notice 90-016, "Compliance With New Decommissioning Rule" T.L. Division of Low-Level Waste Management & Decommissioning (Post 870307) Consolidated Edison Co. of New York, Inc. 91pp. 52997-288.

Supp 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented" Svc list encl. Division of Operational Events Assessment (Post 870411) 90/03/07 Edison Co. of New York, Inc. 100pp. 52984-199-52984-295.

NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Copes" Svc list encl. Division of Operational Events Assessment (Post 870411) 90/03/05 Edison Co. of New York, Inc. 104pp. 52963-006-52963-193.

NRC Info Notice 90-018, "Potential Problems With Crosby Safety Relief on Diesel Generator Air Start Receiver Tanks" Svc list encl. Division of Operational Events Assessment (Post 870411) 90/03/05 Edison Co. of New York, Inc. 100pp. 52963-200-52963-209.

NRC Bulletin 90-001, "Loss of Field in Transmitters May by Reasoning" Division of Operational Events Assessment (Post 870411) 90/03/09 Edison Co. of New York, Inc. 105pp. 52963-300-52963-046.

Advices that results of formalization of procedures for plant licensed operation program & conduct of operation procedure changes will be verified Insp & licensed operator requalification program evaluation. N.R. Region 5, Ofc of the Director 90/03/12 CONWAY,W.F. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 1p. 53132-185.

NRC Info Notice 90-019, "Potential Loss of Effective Vol for Contaminant Spray at PWR Facilities" Svc list encl. Division of Operational Events Assessment (Post 870411) 90/03/14 Edison Co. of New York, Inc. 98pp. 52997-190-52997-287.

NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box" Svc list encl. Division of Operational Events Assessment (Post 870411) 90/03/20 Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.

NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Op-waste Incinerators" Svc list encl. AMJRE Division of Industrial & Medical Nuclear Safety (Post 870729) Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53166-147.

NRC Info Notice 90-021, "Potential Failure of Motor Operated Butterfly Operate Because Valve Seat Friction Was Underestimated" Svc list encl. Division of Operational Events Assessment (Post 870411) 90/03/22 Edison Co. of New York, Inc. 100pp. 53132-001-53132-109.

NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following of Power to Rosemount Transmitter Trip Units" Svc list encl. Division of Operational Events Assessment (Post 870411) 90/03/23 Edison Co. of New York, Inc. 102pp. 53165-007-53165-108.

#### operating reports & related correspondence

"Semiannual Radioactive Effluent Release Rept for Jul-Dec 1989." W/F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 95pp. 53046-163-53046-357.

Monthly operating repts for Feb 1990 for Palo Verde Units 1, 2 & 3.W/F. LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/02/28, 16pp. 53047-219-53047-234.

#### occurrences, LERs & related correspondence

Part 21 rept re backup rings furnished in spare parts seal kits & in 25 GPM as part of actuators made of incorrect mat.Rings should be Viton & identified as Buna N.

G. Anchor/Darling Valve Co. (subs. of Anchor/Darling Industries, Inc.) Ofc of Enforcement (Post 870413). 2pp. 52896-049-52896-050.

9002270070 LER 89-018-01 on 891026, discovered that containment purge valves did not meet local leak rate testing acceptance criteria. Caused by intergranular stress fracture. Sp. rat pins replaced Reportable per Part 21 W/900214 ltr. BRADISH,T.R., LEVINE,J.M. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 90/02/14 13pp. 52785-010-52785-022.

9002280088 LER 89-003-01 on 890217, technician discovered preplanned alternate sampling sys for fuel bldg was inoperable. Caused by electrical loads in excess of circuit capacity. Design change issued to supply power to load W/900222 ltr. BRADISH,T.R., LEVINE,J.M. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 90/02/22 6pp. 52747-247-52747-252.

9003080090 LER 89-017-01 on 891023, four unsealed penetrations in Unit 3 seismic gap area discovered during visual insp of 94 ft elevation diesel bldg pipe trenches. Fire watches established in a. Joints Sealing of penetrations underway W/900227 ltr. BRADISH,T.R., LEVINE,J.M. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 90/02/25 8pp. 52806-006-52806-013.

9003080264 LER 89-024-01 on 891212 lost on reactor coolant pump motor 2A caused voltage perturbation in electrical sys tripping radiation monitors. Caused by abnormal electrical alignment. Operating procedures for pump motors revised W/900227 ltr. BRADISH,T.R., LEVINE,J.M. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 90/02/27 8pp. 52820-257-52820-264.

#### V. Operator Examinations

9003150452 Advises that CN Cagol no longer employed by licensee & Operator License OP-50324 expired. LEVINE,J.M. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 90/02/18 MARTIN,J.B. Region 5, Ofc of the Director 1p. 53022-044-53022-044.

9003150459 Advises that RM Little no longer employed in position which requires operator license. License OP-50250 expired. LEVINE,J.M. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 90/02/18 MARTIN,J.B. Region 5, Ofc of the Director 1p. 53020-277-53020-277.

9003160044 Advises that Senior Operator License SOP-50165-1 for RC Lindquist expired. LEVINE,J.M. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 90/02/18 MARTIN,J.B. Region 5, Ofc of the Director 1p. 53037-077-53037-077.

9003080500 Forwards answer keys grading results for facilities & individual answer sheets for each examinee taking exam at facilities, as follows to 900207 generic fundamental's exam section of written operator licensing exams. KIRSCH,D.F. Region 5, Ofc of the Director 90/03/01. FRIEHE, Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 89pp. 52894-137-52894-225.

9003210163 Advises that results of formalization of procedures for plant licensed operator requalification program & conduct of operation procedure changes will be verified during future Insp & licensed operator requalification program evaluation. ZIMMERMAN,R. Region 5, Ofc of the Director 90/03/12 CONWAY,W.F. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 1p. 53132-188.

#### DOCKET STN-50-529 PALO VERDE NUCLEAR STATION, UNIT 2

#### F. Security, medical, emergency & fire protection plans

9002260089 Forwards supplemental info supporting 900105 proposed amend to security plan, extending & expanding program for temporary unescorted access Encls withheld (ref 10CFR73.21 & 2.790). CONWAY,W.F. Arizona Public Service Co (formerly Arizona Nuclear Power Project) 90/02/21, Document Control Branch (Document Control Desk). 2pp. 52708-341-52709-342.

9003160156 Forwards Insp Repts 50-528/90-07, 50-529/90-07 & 50-530/90-07 on 900128-0202 & notice of violation. Until investigation did not identify classification error, thereby limiting opportunity to learn from experience. MARTIN,J.B. Region 5, Ofc of the Director 90/02/26 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 2pp. 53338-051-53038-081.

9003160160 Insp Repts 50-528/90-07, 50-529/90-07 & 50-530/90-07 on 900129-0202. Violations noted Major areas inspected emergency preparedness program & onsite follow-up of written repts of nonroutine events at power reactor facilities. PRENDERGAST,K. Region 5, Ofc of the Director 90/02/23 Bpp. 53038-054-53038-081.

9003230143 Advises that until 891103 response to Generic Ltr 89-07, "Power Reactor Safeguards Contingency Planning for Surface Vehicle Bombs" acceptable based on preparation of rev to security plan & procedures in place to address contingency. CHAN,T.L. Project Directorate V. 90/03/20 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 2pp. 53146-102-53146-103.

#### P. Operating license stage documents & correspondence

9002220494 Confirms 900118 conversation re 18-month surveillance requirements for remainder of second fuel cycle. If unforeseen event forces shutdown of unit, some relief will be necessary from upcoming surveillance requirements. CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/02/07, Document Control Branch (Document Control Desk). 2pp. 52713-326-52713-327.

9002280376 Advises that individual plant exams (IPE) approach, methodology & schedule acceptable per until 891030 response to Generic Ltr 88-20. NRC should be notified of proposed change & reasons for change. If schedule should change. CHAN,T.L. Project Directorate V. 90/02/16 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp. 52736-280-52736-292.

9003140442 Informs that 900128 response to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment," considered satisfactory. PETERSON,S.R. Project Directorate V. 90/03/07 CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 4pp. 53001-321-53001-324.



-9003260577 "Annual Report on C-E ECCS Codes & Methods for 10CFR50.46" Suppl 1  
Combustion Engineering Inc CENPD-279 S01 90/02/28 10pp 53149 203-53149 212

9003260389 Forwards list of incomplete USIs for facilities including US A-9 re ATWS per 10CFR50.62 USI A-44 re station blackout & USI A-47 re safety implications for control system LWRs  
PETERSON S R Project Directorate V 90/03/16 CONWAY.W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 4pp 53150 092-53150 085

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re re-issuance of staff position on Generic Ltr 83-28, Item 2.2, Part 2, "Vendor Interface for Safety-Related Components" Svc list encl  
PARTLOW J G Associate Director for Projects (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc 55pp 53195 014-53195 089

9003230127 Forwards AEOI Diagnostic Evaluation Team report for plant per discussions during May 1989 senior mgmt meeting w/o encl  
TAYLOR J M Ofc of the Executive Director for Operations 90/03/20 CARR, ROBERTS, ROGERS Commissioners 1p 53149 091-53149 091

#### Q. Inspection reports, IE Bulletins & correspondence

9003080332 Forwards Insp Repts 50-528/89-53, 50-529/89-53 & 50-530/89-53 on 891204-900129 No violations or deviations noted Concerns identified re technical adequacy of procurement program for dedication of commercial grade items  
RICHARD S S Region 5, Ofc of the Director 90/02/12 CONWAY.W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 52894 264-52894 273

-9003080323 Insp Repts 50-528/89-53, 50-529/89-53 & 50-530/89-53 on 891204-900129 No violations or deviations noted Major areas inspected commercial grade procurement  
HUEY F R Region 5, Ofc of the Director 90/02/12 7pp 52834 267-52834 273

9003070011 Forwards Insp Repts 50-528/89-54, 50-529/89-54 & 50-530/89-54 on 891218-900120 & notice of violation  
RICHARD S S Region 5, Ofc of the Director 90/02/16 CONWAY.W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 52853 216-52853 243

-9003070013 Notice of violation from Insp on 891218-900120 Violation noted corrective action taken in response to 890212 occurrence re loss of power to auxiliary feedwater turbine throttle valve (AFA-HV-54) inadequate  
RICHARD S S Region 5, Ofc of the Director 90/02/16 1p 52853 219-52853 219

-9003070014 Insp Repts 50-528/89-54, 50-529/89-54 & 50-530/89-54 on 891218-900120 Violation noted Major areas inspected previously identified items, review of plant activities & ESF systems shutdowns  
WONG H Region 5, Ofc of the Director 90/02/16 24pp 52853 220-52853 243

9003160305 Provides update on status of corrective actions discussed in 890327 & 1018 ltr re Violation 528/89-03-01 Corrective actions involve reorganization of radiation protection, chemistry/radiological effluents & radial on waste debris  
BAILEY J N Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 80/02/21 Document Control Branch (Document Control Desk) 6pp 53060 024-53060 029

9003020027 Advises that Ltr response to NRC Bulletin 89-003, "Potential Loss of Required Shutdown Margin During Refueling Operations," satisfactory  
CHAN T L Project Directorate V 90/02/22 CONWAY.W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 52795 155-52795 157

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 600" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc 99pp 52776 262-52776 360

9003050038 Advises that Ltr 891222 response to NRC Bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolt in Anchor/Daig Model S35W Swing Check Valves," acceptable  
CHAN T L Project Directorate V 90/02/26 CONWAY.W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 52823 084-52823 086

9003160155 Forwards Insp Repts 50-528/90-07, 50-529/90-07 & 50-530/90-07 on 900128-0202 & notice of violation Ltr investigation did not identify classification error, thereby limiting opportunity to learn from experience  
MARTIN J B Region 5, Ofc of the Director 90/02/26 CONWAY.W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 2pp 53036 051-53036 061

-9003160160 Insp Repts 50-528/90-07, 50-529/90-07 & 50-530/90-07 on 900128-0202 Violations noted Major areas inspected emergency preparedness program & on-site followup of written reports of nonroutine events at power reactor facilities  
PRENDERGAST K, YUHAS G P Region 5, Ofc of the Director 90/02/23 8pp 53036 054-53036 081

9002230283 NRC Info Notice 90-011, "Mainstem Deficiency Associated W/ Solenoid-Operated Valves" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc 99pp 52776 163-52776 261

9002230399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safety Event Logs" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/03/03 Consolidated Edison Co. of New York, Inc 99pp 52844 100-52844 169

9003210075 Forwards Insp Repts 50-528/90-04, 50-529/90-04 & 50-530/90-04 on 900131-0202, 0205-09 & 12-15 Violations noted Enforcement actions re findings in Insp pending review of additional similar event that occurred subsequent to Insp  
SCARANO R A Region 5, Ofc of the Director 90/03/05 CONWAY.W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 3pp 53093 047-53093 047

-9003210078 Insp Repts 50-528/90-04, 50-529/90-04 & 50-530/90-04 on 900131-0202, 0205-09 & 12-15 Violations noted Major areas inspected followup of nonroutine events including followup on inspector identified items  
CULISM, SCHUSTER M D, CARSON L C Region 5, Ofc of the Director 90/03/05 53093 031-53093 047

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Materials" Svc list encl  
CUNNINGHAM R E Division of Industrial & Medical Nuclear Safety (Post 870411) 90/03/06 Consolidated Edison Co. of New York, Inc 89pp 52997 001-52997 051

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Regulation Control Directors Before Beginning Work in Agreement States" Svc list encl  
CUNNINGHAM R E Division of Industrial & Medical Nuclear Safety (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc 95pp 52997 035-52997 169

9003010227 NRC Info Notice 90-016, "Compliance W/ New Decommissioning Rule" Svc list encl  
BANGART R L Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc 91pp 52997 032-52997 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented Fasteners" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc 100pp 52844 199-52844 298

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Cooling Valve" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc 104pp 52963 096-52963 199

9003050043 NRC Info Notice 90-018, "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc 100pp 52563 200-52563 269

9003050148 NRC Bulletin 90-001, "Loss of Fill Oil in Transmitters Mfg by Rosemount" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/03/07 Consolidated Edison Co. of New York, Inc 109pp 52963 300-52963 048

9003210163 Advises that results of formalization of procedures for plant licensed operator requalification program & conduct of operation procedure changes will be verified during future Insp & Licensed operator requalification program evaluation  
ZIMMERMAN R Region 5, Ofc of the Director 90/03/12 CONWAY.W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 1p 53132 188-53132 188

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/03/14 Consolidated Edison Co. of New York, Inc 98pp 52997 180-52997 287

9003270339 Responds to NRC 900216 ltr re violations noted in Insp Rept 50-529/89-54 Corrective actions incorrect but replaced w/ proper model & fuse replaced  
CONWAY.W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/03/15 Document Control Branch (Document Control Desk) 10pp 53155 023-53155 031

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/03/20 Consolidated Edison Co. of New York, Inc 98pp 53035 129-53035 226

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators" Svc list encl  
CUNNINGHAM R E Division of Industrial & Medical Nuclear Safety (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc 91pp 53166 057-53166 141

9003160306 NRC Info Notice 90-021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seat Friction Was Underestimated" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/03/22 Consolidated Edison Co. of New York, Inc 100pp 53132 001-53132 100

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Activation Following Restoration of Power to Rosemount Transmitter Trip Units" Svc list encl  
ROSSI C E Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co. of New York, Inc 102pp 53165 007-53165 108



...ing Reports & related correspondence

Semiannual Radioactive Effluent Release Rpt for Jul-Dec 1989." W/  
J.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project)  
95pp 53046.163-53046.357

Monthly operating rpts for Feb 1990 for Palo Verde Units 1, 2 & 3.W/  
J.F. LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear  
Project) 90/02/28. 16pp. 53047.219-53047.234.

## occurrences, LERs & related correspondence

Part 21 rept re backup rings furnished n spare parts seal kits & in 25 GPM  
as part of actuator's made of incorrect mat Rings should be Viten &  
Identified as Buna N  
G Anchor/Darling Valve Co. (subs. of Anchor/Darling Industries, Inc.)  
of Enforcement (Post 870413) 2pp 52896.049-52896.050.

ER 89-005-01 on 890310,loss of power to alternate plant ventilation efflu-  
n monitor occurred.Caused by electrical loads in excess of circuit  
high mod issued to supply dedicated power to loads W/900302 Iir  
R. LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear  
Project) 90/03/02 7pp 52979.265-52979.271

## examinations

Advises that CN Cagel no longer employed by licensee & Operator License  
Applied  
Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/  
TIN,J.B. Region 5, Ofc of the Director. 1p 53022.044-53022.044

Advises that RM Little no longer employed in position which requires oper-  
License OP-50250 exp'd.  
Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/  
TIN,J.B. Region 5, Ofc of the Director. 1p 53020.271-53020.271

Advises that Senior Operator License SOP-50165-1 for RC Lindquist ex-  
Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/  
TIN,J.B. Region 5, Ofc of the Director. 1p 53037.077-53037.077.

Forwards answer keys,grading results for facilities & individual answer  
each examinee taking exam at facilities,as followup to 900207 generic fun-  
amion section of written operator licensing exams  
Region 5, Ofc of the Director. 90/03/01. FIRTH,E. Arizona Public Ser-  
vice Co. (formerly Arizona Nuclear Power Project) 89pp 52894.137-52894.225.

Advises that results of formalizat on of procedures for plant licensed opera-  
tion program & conduct of operation procedure changes will be verified  
insp & licensed operator qualification program evaluation.  
N.R. Region 5, Ofc of the Director. 90/03/12. CONWAY,W.F. Arizona  
Public Service Co. (formerly Arizona Nuclear Power Project). 1p. 53132.108.

## 50-530 PALO VERDE NUCLEAR STATION, UNIT 3

### medical, emergency & fire protection plans

Forwards supplemental info supporting 900105 proposed amend to security  
ing & expanding program for temporary unescorted access.Ends withn'd  
2 21 & 2.790).

J.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project).  
Document Control Branch (Document Control Desk) 2pp. 52703.341-

Forwards Insp Repts 50-528/89-07.50-529/90-07 & 50-530/90-07 on  
& notice of violation.Utl investigation did not identify classification  
limiting opportunity to learn from experience  
Region 5, Ofc of the Director. 90/02/26. CONWAY,W.F. Arizona Public  
Service Co. (formerly Arizona Nuclear Power Project). 2pp 53036.051-53036.061.

Notice of violation from insp on 900129-0202.Violation noted failure to Im-  
p 02 on 891230 & declare unusual event for fire in Unit 3 phase "A" main

Region 5, Ofc of the Director. 90/02/26. 1p 53038.053-53038.053.

Insp Repts 50-528/89-07.50-529/90-07 & 50-530/90-07 on 900129-  
ns noted.Major areas inspected.emergency preparedness program &  
up of written rpts of nonroutine events at power reactor facilities  
AST,K. Region 5, Ofc of the Director. 90/02/23 8pp. 53036.054-

Advises that utl 891103 response to Generic Ltr 89-07, "Power Reactor  
Contingency Planning for Surface Vehicle Bombs" acceptable,based on  
of rev to security plan & procedures in place to address contingency.  
Project Directorate V. 90/03/20. CONWAY,W.F. Arizona Public Service  
Co. (formerly Arizona Nuclear Power Project). 2pp 53146.102-53146.103.

## license stage documents & correspondence

Advises that individual plant exams (IPE) approach, methodology & sched-  
le,per utl 891030 response to Generic Ltr 88-20.NRC should be notified  
change & reasons for change.If schedule should change.  
Project Directorate V. 90/02/15. CONWAY,W.F. Arizona Public Service  
Co. (formerly Arizona Nuclear Power Project). 3pp. 52738.280-52738.292.

forms that 900126 response to Generic Ltr 89-13, "Svc Water Sys Prob-  
ing Safety-Related Equipment," considered satisfactory.  
S R. Project Directorate V. 90/03/07. CONWAY,W.F. Arizona Public Ser-  
vice Co. (formerly Arizona Nuclear Power Project). 4pp. 53001.321-53001.324.

9003220294 Application for amendments to Licenses NPP-41,NPP-51 & NPP-74, revising  
Tech Spec 4.0.2 to remove 3.25 limit on extending surveillance intervals in accord-  
ance w/Generic Ltr 89-14.  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project).  
90/03/08 Document Control Branch (Document Control Desk). 8pp. 53112.281-  
53112.294.

-9003220294 Proposed Tech Spec 4.0.2,removing 3.25 limit on extending surveillance  
intervals in accordance w/Generic Ltr 89-14.  
\* Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 90/03/08. 6pp  
53112.289-53112.294

9003260573 Forwards CENPD-279,Supp 1, "Annual Rpt on C-E ECCS Codes & Meth-  
ods for 10CFR50.46"  
CONWAY,W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project).  
90/03/13 Document Control Branch (Document Control Desk) 1p 53149.202-  
53149.212

--9003260577 "Annual Rpt on C-E ECCS Codes & Methods for 10CFR50.46," Suppl. 1  
\* Combustion Engineering, Inc. CENPD-279 S01. 90/02/28. 10pp 53149.203-  
53149.212

9003260339 Forwards list of incomplete USIs for facilities,including USI A-9 re ATWS  
per 10CFR50.62,USI A-44 re station blackout & USI A-47 re safety implications for  
control sys-n LWRs  
PETERSON,S R. Project Directorate V. 90/03/16. CONWAY,W.F. Arizona Public Ser-  
vice Co. (formerly Arizona Nuclear Power Project) 4pp 53150.032-53150.095

9003140089 Generic Ltr 90-03 to all power reactor licensees & applicants re relaxation  
of staff position in Generic Ltr 83-28,Item 2.2,Part 2. "Vendor Interface for Safety-  
Related Components" Svc ltr encl  
PARTLOW,J.G. Associate Director for Projects (B70411) 90/03/20 Consolidat-  
ed Edison Co. of New York, Inc. 55pp 53195.014-53195.069.

9003230127 Forwards AEOD Diagnostic Evaluation Team rept for plant,per d discussions  
during May 1989 senior mtg meeting W/o encl  
TAYLOR,J.M. Ofc of the Executive Director for Operations. 90/03/20 CARR, ROB-  
ERTS, ROGERS Commissioners 1p 53149.091-53149.091.

## Q. Inspection reports, IE Bulletins & correspondence

9003080322 Forwards Insp Repts 50-528/89-53,50-529/89-53 & 50-530/89-53 on  
891204-939120 No violations or deviations noted.Concerns identified re techn cal ad-  
equacy of procurement program for dedication of commercial grade items  
KIRSCH,D.F. Region 5, Ofc of the Director. 90/02/12. CONWAY,W.F. Arizona Public  
Service Co. (formerly Arizona Nuclear Power Project). 3pp. 52894.264-52894.273

--9003080323 Insp Repts 50-528/89-53,50-529/89-53 & 50-530/89-53 on 891204-  
900129 No violations or deviations noted.Major areas inspected commercial grade  
procurement  
HUEY,F.F. Region 5, Ofc of the Director. 90/02/12 7pp 52894.267-52894.273.

9003070011 Forwards Insp Repts 50-528/89-54,50-529/89-54 & 50-530/89-54 on  
891218-990120 & notice of violation  
RICHARDS,S. Region 5, Ofc of the Director. 90/02/16. CONWAY,W.F. Arizona Public  
Service Co. (formerly Arizona Nuclear Power Project) 3pp 52853.216-52853.243.

--9003070014 Insp Repts 50-528/89-54,50-529/89-54 & 50-530/89-54 on 891218-  
900120.Violation noted.Major areas inspected previously identified items,review of  
plant activities & ESF sys w/downs.  
WONG,H. Region 5, Ofc of the Director. 90/02/16. 24pp. 52853.220-52853.243.

9003180305 Provides update on status of corrective actions discussed in 890327 &  
1018 ltr re violation 529/89-03-01 Corrective actions involve reorganization of radia-  
tion protection, chemistry,radiological effluents & radiation waste dopts.  
BAILEY,J.N. Arizona Public Service Co. (formerly Arizona Nuclear Power Project) 90/  
02/21. Document Control Branch (Document Control Desk). 6pp. 53060.024-  
53060.029

9003020027 Advises that utl response to NRC Bulletin 89-003, "Potential Loss of Re-  
quired Shutdown Margin During Refueling Operations," satisfactory.  
CHAN,T.L. Project Directorate V. 90/02/22. CONWAY,W.F. Arizona Public Service  
Co. (formerly Arizona Nuclear Power Project). 3pp. 52795.155-52795.157.

9002180093 NRC Info Nulce 90-010, "Primary Water Stress Corrosion Cracking of In-  
conel 600." Svc ltr encl  
ROSSI,C.E. Division of Operational Events Assessment (Post 870411). 90/02/23.  
Consolidated Edison Co. of New York, Inc. 99pp. 52776.262-52776.360.

9003050038 Advises that utl 891222 response to NRC Bulletin 89-002, "Stress Corro-  
sion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in  
Anchor/Darling Model S35W Swing Check Valves..." acceptable  
CHAN,T.L. Project Directorate V. 90/02/26. CONWAY,W.F. Arizona Public Service  
Co. (formerly Arizona Nuclear Power Project). 3pp 52823.064-52823.066.

9003180156 Forwards Insp Repts 50-528/90-07.50-529/90-07 & 50-530/90-07 on  
900129-0202 & notice of violation.Utl investigation did not identify classification  
error thereby limiting opportunity to learn from experience  
MARTIN,J.B. Region 5, Ofc of the Director. 90/02/26. CONWAY,W.F. Arizona Public  
Service Co. (formerly Arizona Nuclear Power Project). 2pp. 53038.051-53038.061.

--9003180159 Notice of violation from insp on 900129-0202.Violation noted failure to Im-  
plement EPIP 02 on 891230 & declare unusual event for fire in Unit 3 phase "A" main  
transformer.  
MARTIN,J.B. Region 5, Ofc of the Director. 90/02/26. 1p 53038.053-53038.053.

--9003180160 Insp Repts 50-528/90-07.50-529/90-07 & 50-530/90-07 on 900129-  
0202.Violations noted.Major areas inspected.emergency preparedness program &  
onsite followup of written rpts of nonroutine events at power reactor facilities.  
PRENDERGAST,K., YUIAS,G.P. Region 5, Ofc of the Director. 90/02/23. 8pp.  
53036.054-53036.061.

9003070020 Part 21 rept re solder connections in ABB 27/59 relays deteriorated due to thermal stress causing bonding of printed wiring pattern to glass epoxy circuit board. Interim circuit board w/ larger pads & higher wattage will be used.  
KAISER, A.F. ASEA Atom, Inc. 90/02/22. BERLINGER, C. Generic Communication  
Branch. 3pp. 52888-207. 52888-209.

Reportable occurrences, LERs & related correspondence

3370020 Part 21 rept re solder connections in AB2 27/59 relays deteriorated due to thermal stress, causing bonding of printed wiring pattern to glass epoxy circuit board. In order to correct board w/larger pads & higher wallage will be used. AISEN, A.F. ASEA Atom, Inc. 90/02/22. BERLINGER, C. General Communications. 3pp. 52888:207-52888:209

CKET 50-601 RESAR SP/90

Advisory Committee on Reactor Safeguards reports & correspondence

2280173 Summary of ACRS Subcommittee on Advanced PWRs (WAPWR SP/90) 90/28 meeting in Bethesda, MD. ACRS - Advisory Committee on Reactor Safeguards. 89/10/20. ACRS - Advisory Committee on Reactor Safeguards. 18pp. 52761:339-52761:356

2280102 Summarizes 891103 ACRS Subcommittee meeting in Bethesda, MD to conduct discussion & review of WAPWR design & operation re NRC draft SER. ACRS - Advisory Committee on Reactor Safeguards. 89/11/16. ACRS - Advisory Committee on Reactor Safeguards. 25pp. 52761:046-52761:072

CKET 50-602 UNIV. OF TEXAS RESEARCH REACTOR

General correspondence

2220543 Responds to ltr on behalf of J Cox regarding article in 891215 issue of U.S. American Statesman re concerns about const of nonpower research reactor at Univ of Texas. Design of reactor facility found safe & acceptable. ATOR, J.M. Ofc of the Executive Director for Operations. 90/02/09. GHAMM, P. enate. 7pp. 52758:026-52758:037

02220549 Forwards J Cox 891218 ltr for consideration & compliance, if possible. RAMM, P. Senate. 90/02/09. NRC - No Detailed Affiliation Given. 5pp. 52758:033-52758:037

CKET 50-603 ALCHEMIE FACILITY 1 - CPDF

Adjudicatory correspondence

3220244 Memorandum & order. Grants NRC 900216 motion to adopt proposed schedule as stated Certificate of Svc encl. Served on 900315. ARGULIES, M.B. Atomic Safety and Licensing Board Panel. #190 10089. 90/03/15. Ofc of the General Counsel (Post 860701). 3pp. 53029:066-53029:068

3280153 Requests current business & resident addresses & telephone numbers of 1 Smelser & WA Pfeiffer & other persons licensee intends to call as witness on or before 900330 in order to take depositions. Related correspondence. ORDENICK, B.M. Assistant General Counsel for Hearings & Enforcement. #190 3129. 90/03/21. IRVING, S.A. All Chemical Isotope Enrichment, Inc. 4pp. 53124:051-53124:054

CKET 50-604 ALCHEMIE FACILITY 2 - OLIVER SPRINGS

Adjudicatory correspondence

3220244 Memorandum & order. Grants NRC 900216 motion to adopt proposed schedule as stated Certificate of Svc encl. Served on 900315. ARGULIES, M.B. Atomic Safety and Licensing Board Panel. #190 10089. 90/03/15. Ofc of the General Counsel (Post 860701). 3pp. 53029:066-53029:068

3280153 Requests current business & resident addresses & telephone numbers of 1 Smelser & WA Pfeiffer & other persons licensee intends to call as witness on or before 900330 in order to take depositions. Related correspondence. ORDENICK, B.M. Assistant General Counsel for Hearings & Enforcement. #190 3129. 90/03/21. IRVING, S.A. All Chemical Isotope Enrichment, Inc. 4pp. 53124:051-53124:054

CKET STN-50-805 GE ADVANCED BWR DESIGN

Application/construction stage documents & correspondence

2270223 Forwards advanced BWR master index & Amend B changes, per request. W/o encls. ICHOLS, E.E. General Electric Co. 89/12/12. SCALETTI, D. NRC - No Detailed Affiliation Given. 1p. 52758:110-52758:125

02270224 Forwards floppy disk containing data files for CAFTA fault tree program, in response to Question 44 of 891128 ltr. Encl. withheld. ICHOLS, E.E. General Electric Co. 90/01/11. SCALETTI, D. NRC - No Detailed Affiliation Given. 1p. 52758:111-52758:111

02270227 Forwards CE Buchholz 891227 ltr to I Medlin, floppy disk for files & printout of README file from floppy. W/o floppy disk. ICHOLS, E.E. General Electric Co. 90/01/04. SCALETTI, D. NRC - No Detailed Affiliation Given. 1pp. 52758:112-52758:125

2280162 Notices of preliminary audit scheduled for 900214-15 re advanced BWR design. Audit team members listed. SCALETTI, D.C. Standardization & Life Extension Project Directorate (891001-900602). 90/02/09. MARRIOTT, P.W. General Electric Co. 1p. 52776:107-52776:107

9003020238 Responses to 900126 request for info on SSAR for info on SSAR for advanced BWR licensee will amend SSAR w/ responses in future amend. MITCHELL, R.C. General Electric Co. 90/02/28. MILLER, C.L. Office of Nuclear Reactor Regulation, Director (Post 870411). 26pp. 52798:119-52798:144

9003080256 Notices of 900308-07 meetings to discuss advanced BWR control room design re Chapter 18 review & human factors assumptions used in advanced BWR PRA Agenda encl. SCALETTI, D.C. Standardization & Life Extension Project Directorate (891001-900602). 90/02/28. MARRIOTT, P.W. General Electric Co. 5pp. 52894:013-52894:047

9003160347 Notification of 900315 meeting in Rockville, MD to resolve differences in radiological assumptions used by various NRC groups in reviewing BWR submittals. THOTILE, F. Project Directorate I-2. 90/03/07. BUTLER, W.R. Project Directorate I-2. 2pp. 53037:061-53037:062

9003200064 Forwards request for addl info re application for certification of advanced BWR design. SCALETTI, D.C. Standardization & Life Extension Project Directorate (891001-900602). 90/03/14. MARRIOTT, P.W. General Electric Co. 6pp. 53079:018-53079:023

DOCKET 50-606 ARKANSAS TECH UNIV., UNIT 1

A. Application/construction stage documents & correspondence

9003080288 Certifies that info re application for CP/OL for TRIGA reactor facility shipped to B Clinton J Phillips & V Howard. Copies of ltrs of transmittal encl. HAMM, J. Arkansas Tech Univ., Russellville, AR. 89/11/14. ADAMS, A. Non-Power Reactors, Decommissioning & Environmental Proj. Dir. (891001-900602). 4pp. 52923:069-52923:072

DOMESTIC LICENSING OF SPECIAL NUCLEAR MATERIAL

DOCKET 70-0008 BATTELLE COLUMBUS DIV. (BATTELLE MEMORIAL INSTITUTE)

9003010016 Partial response to FOIA request for records App A & B records available in PDH. Forwards App A records. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. CROUSE, P.J. Grant, McIndoo, Hanes & Crouse. 983pp. 52727:302-52730:204

9003010244 Responds to 800303 memo re occupational ALARA requirements for U fuel fabrication facilities. DAVIS, A.B. Region III, IE (750101-810228). 80/03/19. HIGGINBOTHAM, L. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 1p. 52729:044-52729:044

9002270279 Forwards Safety Insp Rept 70-0008/90-01 on 900116-18. No violations noted. MALLETT, B.S. Region 3, Ofc of the Director. 90/02/12. MADIA, W.J. Battelle Memorial Institute, Columbus Laboratories. 2pp. 52755:341-52755:349

9002270283 Insp Rept 70-0008/90-01 on 900116-18. No noncompliance noted. Major areas inspected incl: & organizational controls, transportation activities, radiation protection, criticality safety, operations review & environ protection. FRANCE, G.M., SRENIAWSKI, D.J. Region 3, Ofc of the Director. 90/02/09. 7pp. 52755:343-52755:349

9003060104 Forwards "Decommissioning Plan for BMI Columbus Operations," for info. TOY, H.L. Battelle Memorial Institute, Columbus Laboratories. 90/02/27. SJOBLUM, G.L. NRC - No Detailed Affiliation Given. 1p. 52848:174-52848:234

9003060106 "Decommissioning Plan for BMI Columbus Operations." Battelle Memorial Institute, Columbus Laboratories. 89/12/31. 58pp. 52848:175-52848:234

DOCKET 70-0025 ROCKETDYNE DIV. (ROCKWELL INTERNATIONAL CORP.), CANOGA

9003020121 Submits mod to radiological environ monitoring program. Sampling w/monitoring & decontamination operations will be done at hot lab, Bldg TO59 project, radioactive waste disposal facility & T888 sodium burn pit. TUTTLE, R.J. Rockwell International Corp. 90/02/09. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 3pp. 52800:264-52800:266

9002260206 Advises of discontinuation of review of Rocketdyne license renewal application due to licensee stated plans to cease operations on 901030. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/14. RUTHERFORD, P.D. Rockwell International Corp. 3pp. 53362:357-53362:359

9002270138 Forwards Insp Rept 70-0025/89-08 on 891128-29. No violations noted. YUHAS, G.P. Region 5, Ofc of the Director. 90/02/14. GIBBS, D.C. Rockwell International Corp. 2pp. 52758:284-52758:289

9002270150 Insp Rept 70-0025/89-08 on 891128-29. No violations noted. Major areas inspected: measurements of soil samples collected at selected areas at licensee facility. HOOKER, C.A., YUHAS, G.P. Region 5, Ofc of the Director. 90/02/14. 4pp. 52758:286-52758:289

9003010131 Full evidentiary statement prepared by J Scott, Intervenor. Presents justification for denial of Rocketdyne pending application for renewal. Certificate of Svc encl. SCOTT, J. Scott, J. #190 9928. 90/02/19. Atomic Safety and Licensing Board Panel. 109pp. 52899:307-52700:055

- 9003010241 Direct case Committee to Bridge the Gap \* License should not be granted based on evidence from licensee past activities & misrepresentations in current license application. W/related info & Certificate of Svc encl. WILSON, P. Committee to Bridge the Gap #190 9927. 90/02/19. Atomic Safety and Licensing Board Panel. 8pp. 52698 075-52698 159
- 9003020134 Responds to 900110 ltr & addresses B Gruenberg concern re renewal of Rocketdyne license NRC ceased its review of renewal application due to Rocketdyne plans to discontinue operations on 901030. TAYLOR, J.M. Dir. of the Executive Director for Operations. 90/02/22. WILSON, P. Senate. 2pp. 52636 090-52636 093.
- 9003020136 Forwards constituent B Gruenberg 890921 ltr re renewal of Rocketdyne nuclear license, for consideration & response. WILSON, P. Senate. 90/01/10. Congressional Affairs. 1p. 52636 092-52636 092.
- 9003020143 Expresses concern re renewal of Rocketdyne nuclear license, per Daily News, San Fernando Valley, CA news item since May 1989 Believes Rocketdyne has been irresponsible w/nuclear testing & disposal of waste & NRC should not renew license. GRUENBERG, B. Affiliation Not Assigned. 89/09/21. BLOCH, P.B. Atomic Safety and Licensing Board Panel. 1p. 52636 093-52636 093.
- 9003020039 Expresses concern re licensee ability to decommission facility safely & in-forms of intent to intervene w/licensee plans Decommissioning plan & expansion on final sentence in NRC 900214 ltr to licensee requested. PLOTKIN, S.C. Southern California Federation of Scientists. 90/02/23. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 1p. 52600 297-52600 297.
- 9003050010 Amend to full evidentiary statement by J Scott. Provides changes to author 900219 statement List of exhibits & Certificate of Svc encl. SCOTT, J. Scott, J. #190 9983. 90/02/23. Atomic Safety and Licensing Board Panel. 6pp. 52730 357-52730 362.
- 9003050049 Memorandum (Concern About Possible Need to Declare Staff Party). Staff not prepared for efficient participation in case, unless alerted in advance. W/Certificate of Svc Served on 900227. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 9974. 90/02/24. 5pp. 52730 316-52730 322.
- 9003190017 Motion to strike portions of intervenors written presentations & brief in support (proposed) memorandum & order \* NRDC & D Wallace dropped out of case & should be dismissed from hearings Certificate of Svc encl. RUTHERFORD, P.D. Rockwell International Corp. #190 10027. 90/03/01. Atomic Safety and Licensing Board Panel. 24pp. 52970 300-52970 323.
- 9003160043 Notice of withdrawal of NRDC. Advises of intervenor withdrawal from proceeding Certificate of Svc encl. NICHOLS, M.D. Natural Resources Defense Council. #190 10017. 90/03/02. 3pp. 52943 358-52943 360.
- 9003160136 Order \* Extends time for Commission to review decision of ASLAB in ALAB-925 to 900323 Certificate of Svc Served on 900302. CHILK, S.J. Office of the Secretary of the Commission. #190 10004. 90/03/02. 3pp. 52943 315-52943 317.
- 9003190082 Response by Los Angeles Physicians for Social Responsibility to Rockwell Intl motion to strike. Licensee renewal application should be denied if Commission determines that equipment & facilities inadequate W/Certificate of Svc. SAXON, R. Physicians for Social Responsibility. #190 10052. 90/03/08. Atomic Safety and Licensing Board Panel. 9pp. 52970 061-52970 069.
- 9003190098 Response of J Scott to Rockwell Intl motion to strike. Urges licensee motion be denied on basis that intervenor evidence deemed admissible, per 10CFR 2.1233(e) W/Certificate of Svc. SCOTT, J. Scott, J. #190 10055. 90/03/08. Atomic Safety and Licensing Board Panel. 11pp. 52970 030-52970 045.
- 9003190117 Response of Susana Knolls Homeowners Assoc to Rockwell Intl motion to strike \* Licensee allegations considered totally without merit & all concerns in case requested to be retained in proceeding W/Certificate of Svc. JOHNSTON, B. Susana Knolls Homeowners Association. #190 10058. 90/03/08. Atomic Safety and Licensing Board Panel. 7pp. 52970 013-52970 019.
- 9003230069 Motion re scheduling, svc of documents, PDR & hearing file. Requests that applicant response to direct case of intervenors be due in 30 rather than 60 days due to ASLAB intervention in case Certificate of Svc encl. SCOTT, J. Scott, J. #190 10100. 90/03/08. Atomic Safety and Licensing Board Panel. 11p. 53051 317-53051 327.
- 9003130700 Ack receipt of 900126 ltr apprising NRC of mgmt changes. HORN, M. Fuel Cycle Safety Branch. 90/03/09. RUTHERFORD, P.D. Rockwell International Corp. 1p. 53014 230-53014 230.
- 9003130770 Forwards Amend 5 to License SNM-21, revising Condition 11 to authorize use of Pu in TRUMP-S program. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/03/09. RUTHERFORD, P.D. Rockwell International Corp. 1p. 53014 193-53014 200.
- 9003130772 Amend 5 to License SNM-21 for Rocketdyne Div Rockwell Intl Corp, authorizing use of Pu in TRUMP-S program. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/03/09. 3pp. 53014 194-53014 196.
- 9003130775 Safety evaluation supporting Amend 5 to License SNM-21. PENNINGTON, W.S., BIDINGER, G.H. Fuel Cycle Safety Branch. 90/03/09. 3pp. 53014 197-53014 199.
- 9003130778 Advises of categorical exclusion for 891222 application for amend to License SNM-21 re use of Pu in TRUMP-S program. No environ assessment or EIS warranted. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/03/09. Fuel Cycle Safety Branch. 1p. 53014 200-53014 200.
- 9003190034 Memorandum & order (procedural telcon on 900315). Multi-party on-the-record telcon will be held on 900315 to address questions raised in J Scott motion re scheduling of documents. W/Certificate of Svc Served on 900309. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 10045. 90/03/09. Office of the General Counsel (Post 860701). App. 52970 268-52970 271.
- 9003190068 E.L.I. & J. Raskin response to motion to strike portions of intervenors written presentations & brief in support. Applicant motion should not prevail on basis of sufficient argument W/supporting info & Certificate of Svc. LIT, E., RASKIN, J. Affiliation Not Assigned. #190 10051. 90/03/09. Atomic Safety and Licensing Board Panel. 40pp. 52970 341-52970 020.
- 9003190087 Response of Committee to Bridge the Gap to Rockwell motion to strike. Opposes licensee 900301 motion to strike on basis of unnecessary striking party participation W/Certificate of Svc. WILSON, P. Committee to Bridge the Gap. #190 10053. 90/03/09. Atomic Safety and Licensing Board Panel. 8pp. 52970 053-52970 060.
- 9003190095 Southern California Federation of Scientists response to motion to strike portions of intervenors written presentation & brief by Rockwell Intl. Considered deemed unsubstantiated & motion opposed W/Certificate of Svc. PLOTKIN, S.C. Southern California Federation of Scientists. #190 10054. 90/03/09. Atomic Safety and Licensing Board Panel. 12pp. 52970 041-52970 052.
- 9003200118 Forwards background info re 900309 License Amend 5, authorizing use of Pu in TRUMP-S program. THARPE, V. Fuel Cycle Safety Branch. 90/03/13. BLOCH, P.B. Atomic Safety and Licensing Board Panel. 1p. 53075 197-53075 204.
- 9003200104 Confirms agreement from 900313 discussions to extend J Scott's expiration date for submittal of decommissioning plan to 900415. HORN, M. Fuel Cycle Safety Branch. 90/03/14. RUTHERFORD, P.D. Rockwell International Corp. 1p. 53071 208-53071 208.
- 9003220241 Requests that encl Amend 5 to License SNM-21 re TRUMP-S code be served to parties in proceeding W/Certificate of Svc Served on 900315. MCDOW, J. Atomic Safety and Licensing Board Panel. #190 10057. 90/03/14. CATER, C.W. Docking & Services Branch. 11pp. 53029 052-53029 062.
- 9003220242 Deletion from svc list. Requests that DW Wallace be deleted from svc list for proceeding W/Certificate of Svc Served on 900315. MCDOW, J. Atomic Safety and Licensing Board Panel. #190 10058. 90/03/14. CATER, C.W. Docking & Services Branch. 3pp. 53029 053-53029 065.
- 9003220257 Transcript of ASL 900315 hearing in Bethesda, MD. Pp 269-347. Atomic Safety and Licensing Board Panel. 90/03/15. 82pp. 53123 228-53123 234.
- 9003230136 Memorandum & order (motion to strike). Strikes listed concerns of intervenors, per licensee 900301 motion to strike portions of intervenors written presentations & brief on basis of redundancy. W/Certificate of Svc Served on 900319. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 10106. 90/03/19. Rockwell International Corp. 50pp. 53051 263-53051 312.
- 9003230152 Svc of ex parte communication. Forwards JB Petty 900315 motion to be served on parties in proceeding Served on 900320. MCDOW, J. Atomic Safety and Licensing Board Panel. #190 10108. 90/03/19. CATER, C.W. Docking & Services Branch. 1p. 53052 311-53052 314.
- 9003230157 Expresses concern re continuing nuclear projects at plant, including danger of that Pu poses to human, animal & plant life & airborne radiation. Certificate of Svc encl. PETTY, J.B. Affiliation Not Assigned. 90/03/15. BLOCH, P.B. Atomic Safety and Licensing Board Panel. 3pp. 53052 312-53052 314.
- 9003230185 Advises that NRC will provide looseleaf vols of 10CFR & NRC Staff Practice & Procedure Digest. To licensee LPDR, per 900315 telcon request. Documents created within last 20 yrs re License SNM-21 requested from NRC. WOODHEAD, C.P. Assistant General Counsel for Hearings & Enforcement. #190 10120. 90/03/20. BLOCH, P.B., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 2pp. 53052 326-53052 327.
- 9003280207 Order \* Extends time within which Commission may elect to renew ASLUS Decision ALAB-925 until 900406 W/Certificate of Svc Served on 900322. CHILK, S.J. Office of the Secretary of the Commission. #190 10131. 90/03/22. Commissioners. 3pp. 53124 060-53124 062.
- 9003300117 Southern California Federation of Scientists (SCFS) response to memorandum & order of 900319 of Judge PB Bloch. Opposes entire order to strike SCFS concerns & provides info requested in order. PLOTKIN, S.C. Southern California Federation of Scientists. #190 10140. 90/03/26. Atomic Safety and Licensing Board Panel. 4pp. 53155 101-53155 112.
- 9003300118 Declaration of JC Warf. Advises that author wrote Apps AB & C of Southern California Federation of Scientists. 900219 direct case Petitioner's qualifications, resumes & Certificate of Svc encl. WARF, J.C. Southern California Federation of Scientists. 90/03/22. 8pp. 53155 125-53155 112.
- 9003300120 Provides info requested during 900315 telcon re manner & computation of time for svc of documents & proposals for shortening proceeding by eliminating combining certain phases. PLOTKIN, S.C. Southern California Federation of Scientists. #190 10144. 90/03/26. BLOCH, P.B., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 2pp. 53155 113-53155 114.
- 9003300125 Motion for reconsideration (schedule). Requests addl 2 wks beyond 900405 to respond to intervenors direct cases in order to fully respond to concerns. Certificate of Svc encl. RUTHERFORD, P.D. Rockwell International Corp. #190 10145. 90/03/26. Atomic Safety and Licensing Board Panel. 5pp. 53155 115-53155 119.
- 9003300132 Memorandum & order (reconsideration of time limit). Grants applicant request to submit filing by 900419 W/Certificate of Svc Served on 900326. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #190 10149. 90/03/27. Rockwell International Corp. App. 53155 126-53155 129.

**DOCKET 70-0027 BABCOCK & WILCOX CO., LYNCHBURG, VA**

**1260175** Responds to 900105 ltr re planned closure of two surface ponds used to treat radioactive or nonradwaste. Closure of ponds require license amend.  
HAUGHNEY,C.J. Fuel Cycle Safety Branch. 90/02/07. OLSEN,A.F. Babcock & Wilcox  
1p. 52740.041-52740.041.

**1260160** Forwards Amend 27 to License SNM-42, revising Condition 9 to include 2008 date & Conditions 6.J to read Yb-169, 7.J to read sealed sources & 8.J to read 0.01 & SER.  
HAUGHNEY,C.J. Fuel Cycle Safety Branch. 90/02/14. OLSEN,A.F. Babcock & Wilcox  
1p. 52738.265-52738.269.

**12260186** Amend 27 to License SNM-42, authorizing possession & use of 30,000 kg 235,7 g Pu, 62.41 Ci Am-241, 7 lols, 69 mCi Np-237 & 100 mCi of any byproduct is not to exceed 1 Ci.  
HAUGHNEY,C.J. Fuel Cycle Safety Branch. 90/02/14. 3pp. 52738.266-52738.268.

**12260188** SER recommending approval of 900208 application for amend to License SNM-42 authorizing possession for up to 500 mCi Yb-169 in form of sealed sources.  
OLSEN,A.F. Fuel Cycle Safety Branch. 90/02/14. 1p. 52738.269-52738.269.

**260469** Submits Safeguards Amend SG-2 to License SNM-42 by issuing temporary license Condition TC(PS)-1 per 900102 request.  
SUN,D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/02/20  
SEN,A.F. Babcock & Wilcox Co. 1p. 52741.084-52741.084.

**130351** Forwards Insp Rept 70-0027/90-03 on 900122-26 & notice of violation Encls withheld.  
HENSLEY,K.D. Region 2, Ofc of the Director. 90/02/26. TETRAULT,R.E. Babcock & Wilcox Co. 2pp. 52991.185-52991.186.

**130351** Forwards Insp Rept 70-0027/90-03 on 900122-26 & notice of violation Notice of violation withheld.  
HENSLEY,K.D. Region 2, Ofc of the Director. 90/02/26. TETRAULT,R.E. Babcock & Wilcox Co. 2pp. 53059.324-53059.325.

**3140297** Partially withheld Insp Rept 70-0027/90-03 on 900122-26 (ref 27095). Violations noted. Major areas inspected: security plan & implementing procedures, mgt effectiveness - security program, security organization & records & 48.  
OMPSON,D. Region 2, Ofc of the Director. 90/02/22. 1p. 53059.326-53059.328.

**090054** Application for amend to License SNM-42, reflecting administrative, organizational & procedural changes. Fee paid.  
SEN,A.F. Babcock & Wilcox Co. 90/03/01. HAUGHNEY,C.J. Fuel Cycle Safety Branch. 52964.116-52964.144.

**210123** Forwards Insp Rept 70-0027/90-04 on 900129-0202. No violations or deviations noted.  
HENSLEY,K.D. Region 2, Ofc of the Director. 90/03/03. TETRAULT,R.E. Babcock & Wilcox Co. 2pp. 53099.318-53099.324.

**3210126** Insp Rept 70-0027/90-04 on 900129-0202. No violations or deviations noted. Major areas inspected: mgt organization & controls, training operations, insw, maint & surveillance testing & inspector followup items.  
SNICKI,D. MCALPINE,E.J. Region 2, Ofc of the Director. 90/03/02. 5pp. 530320-53099.324.

**200097** Discusses error in 900301 ltr from Olson to Haughney re incorrect phrase Page 1. Phrase should read external audits not internal audits.  
SEN,A.F. Babcock & Wilcox Co. 90/03/16. HAUGHNEY,C.J. Fuel Cycle Safety Branch. 1p. 53079.001-53079.001.

**DOCKET 70-0033 TEXAS INSTRUMENTS, INC., ATTELBORO, MA**

**160208** Final response to FOIA request for records. App A records encl & available to OR.  
HENSLEY,K.D. Division of Freedom of Information & Publications Services (Post 1205). 90/03/05. CALHOUN,J.C. Travelers Insurance, Inc. 2pp. 52757.042-52757.163.

**3080210** "Radiological Survey of Texas Instruments Site Attleboro, MA," final rept.  
WELL,L.L., BERGER,J.D., CONDRA,R.D. Oak Ridge Associated Univs. FIN A-6-3. 85/01/31. Safeguards & Materials Program Br, Div of Inspection Programs, IE 0212-870413). 118pp. 52757.044-52757.161.

**3060213** Forwards Region I Rept 078-154 re radiation surveys & sample analysis related w/ investigation of allegations that radioactive mail buried in landfill sites in Attleboro, MA area. Radioactive mail found at two sites.  
IER,B.H. Region 1, Ofc of the Director (810301-820201). 79/03/01. SNIEZEK,J.H. Of Fuel Facilities, Materials & Safeguards, IE (Pre 830103). 2pp. 52757.162-52757.163.

**3060215** Forwards Region I Rept 078-154-A, Parts 1 & 2 re investigation into release of radioactive mail found at Norton Site. Matter should be referred to DOE for plutonium.  
IER,B.H. Region 1, Ofc of the Director (810301-820201). 79/08/12. SNIEZEK,J.H. Of Fuel Facilities, Materials & Safeguards, IE (Pre 830103). 1p. 52757.164-52757.165.

**160200** FOIA request for listed repts, including "Radiological Survey of Texas Instruments Complex," dtd 820720, radiological survey dtd Jan 1985, NRC memo dtd 1301 re radiation surveys & NRC memo dtd 790301 re investigation of mail at site.  
CALHOUN,J.C. Travelers Insurance, Inc. 90/02/13. Division of Freedom of Information & Publications Services (Post 890205). 2pp. 52757.040-52757.041.

**100094** FOIA request for records re external radiation levels & radionuclide concentrations found in soil, water or surface areas during Insp Rept 70-0033/84-01 on 0402-16 & 0521-25 & final survey of aerial radiological survey.  
HENSLEY,K.D. Region 2, Ofc of the Director. 90/02/21. ROBERTSON,L. Division of Freedom of Information & Publications Services (Post 890205). 1p. 53054.211-53054.211.

**DOCKET 70-0036 COMBUSTION ENGINEERING, INC., WINDSOR, CT**

**9003010016** Partial response to FOIA request for records App A & B records available in POR Forwards App A records.  
HENSLEY,K.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. CROUSE,P.J. Grant, McHendrie, Haines & Crouse. 983pp. 52727.302-52730.204.

**-9003010244** Responds to 800303 memo re occupational ALARA requirements for U fuel fabrication facilities.  
DAVIS,A.B. Region III, IE (720101-810228). 80/03/19. HIGGINBOTHAM,L. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 1p. 52729.044-52729.044.

**-9003010288** Trip rept of 840508-10 visit to listed facilities to orient new Region III mgt personnel to fuel facility sites & personnel, to discuss recent developments within NRC re fuel facility licensing activities & review activities.  
FRANCE,G.M. Region 3, Ofc of the Director. 84/05/23. Region 3, Ofc of the Director. 2pp. 52729.281-52729.282.

**9002260243** Forwards rept on status of open items listed in Insp Rept 70-0036/89-04, per request in 891227 ltr.  
RODE,J.A. Combustion Engineering, Inc. 90/02/07. MALLET,T.B.S. Region 3, Ofc of the Director. 3pp. 52722.254-52722.256.

**9003020029** Forwards location & C-E results of limestone samples analyzed by Oak Ridge Associated Univ.  
RODE,J.A. Combustion Engineering, Inc. 90/02/21. BIDINGER,G.H. Fuel Cycle Safety Branch. 4pp. 52795.158-52795.161.

**9003130160** Forwards Safety Insp Rept 70-0036/90-01 on 900207-09. No violations noted.  
GREGER,L.R. Region 3, Ofc of the Director. 90/02/26. MCGILL,P.L. Combustion Engineering, Inc. 2pp. 53015.045-53015.053.

**-9003130173** Insp Rept 70-0036/90-01 on 900207-09. No violations, deficiencies or deviations noted. Major areas inspected: C-E homatite fuel cycle emergency preparedness program.  
FOSTER,J.E., SNELL,W. Region 3, Ofc of the Director. 90/02/26. 7pp. 53015.047-53015.053.

**9003160265** Forwards C-E response to NRC 891227 ltr & Insp rept, per 900125 request.  
MALLET,T.B.S. Region 3, Ofc of the Director. 90/03/05. NIXON,J.W. Missouri, State of. 1p. 53036.174-53036.176.

**-9003160276** Ack receipt of 891227 ltr addressed to CR Watorman of C-E & requests C-E writer rept re possible program improvements & add mgt attention.  
NIXON,J.W. Missouri, State of. 90/01/25. MALLET,T.B.S. Region 3, Ofc of the Director. 1p. 53036.178-53036.178.

**9003200079** Application for amend to License SNM-33, removing inconsistencies from encl list of affected pages. Fee paid.  
SCHERER,A.E. Combustion Engineering, Inc. 90/03/16. HAUGHNEY,C.J. Fuel Cycle Safety Branch. 11pp. 53079.007-53079.017.

**DOCKET 70-0113 PENNSYLVANIA STATE UNIV., UNIVERSITY PARK, PA**

**9003220029** Documents Penn State Breazeale Reactor understanding re core irradiations of SNM, based on 900226 telcon between T. Finchbaugh & A. Adams concerning interpretation of SNM-95 & R-2 licenses.  
VOTH,M.H. Pennsylvania State Univ., University Park, PA. 90/03/14. Document Control Branch (Document Control Desk). 1p. 53123.088-53123.088.

**DOCKET 70-0135 BABCOCK & WILCOX CO., APOLLO, PA**

**9002260092** Ack receipt of 890621 ltr re steps taken to correct violations noted in Insp Repts 70-0135/89-02 & 70-0364/89-01 & concurs that requirements specified in posted radiation/contamination work permit not violated.  
KNAPP,M.R. Region 1, Ofc of the Director. 90/02/14. COLEMAN,W.L. Babcock & Wilcox Co. 2pp. 52780.082-52780.086.

**DOCKET 70-0143 NUCLEAR FUEL SERVICES, INC., ERWIN, TN**

**9003070067** Application for amend to License SNM-124. Encl withheld (ref 10CFR2.790(d)). Fee paid.  
HENSLEY,K.D. Nuclear Fuel Services, Inc. 90/01/04. KASUN,D.J. Domestic SG & Regional Oversight Branch (Post 881218). 1p. 52890.108-52890.108.

**9003260509** Responds to 891206 & 1011 submittals re revised Section 1.0 to Parts 70 & 74 of FNMC plan. License SNM-124 revised following determination that changes will not adversely affect defense & security or public health & safety.  
KASUN,D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/01/04. HENSLEY,K.D. Nuclear Fuel Services, Inc. 2pp. 53156.085-53156.086.

**9002260197** Ack receipt of 900119 ltr forwarding status rept on burial ground enhancement project.  
SOONG,S. Fuel Cycle Safety Branch. 90/02/06. MAXIN,A.M. Nuclear Fuel Services, Inc. 1p. 52738.142-52738.142.

**9003070065** Application for amend to License SNM-124, changing Safeguards Amend SG-3 Encl withheld (ref 10CFR2.790(d)). Fee paid.  
HENSLEY,K.D. Nuclear Fuel Services, Inc. 90/02/09. KASUN,D.J. Domestic SG & Regional Oversight Branch (Post 881218). 1p. 52889.358-52889.358.

**9002260249** Advises that Rev 21 to facility physical security plan consistent w/ 10CFR70.32(c) & acceptable.  
CLINE,W.E. Region 2, Ofc of the Director. 90/02/13. LONG,J.A. Nuclear Fuel Services, Inc. 2pp. 52728.325-52728.326.

900305129 Forwards Insp Rept 70-0143/90-02 on 900115-19 No violations or deviations identified.  
CLINE, W.E. Region 2, Ofc of the Director. 90/02/13 LONG, J.A. Nuclear Fuel Services, Inc. 2pp. 52823-062-52823-067.

-9003050132 Insp Rept 70-0143/90-02 on 900115-19 No violations or deviations noted Major areas inspected facility operations, nuclear criticality safety, mgt controls & decommissioning activities.  
TROUP, G.L., MCALPINE, E.J. Region 2, Ofc of the Director. 90/02/13 4pp 52823-064-52823-067.

9003130485 Forwards Insp Rept 70-0143/89-28 on 891211-14 & 900116-19 No violations or deviations noted.  
CLINE, W.E. Region 2, Ofc of the Director. 90/02/26 JOHNSON, C.R. Nuclear Services, Inc. 2pp. 53015-064-53015-071.

-9003130491 Insp Rept 70-0143/89-28 on 891211-14 & 900116-19 No violations or deviations noted Major areas inspected: facility operations, nuclear criticality safety, radiation protection, mgt control & accountability & decommissioning.  
KAHLE, J.B., MCALPINE, E.J. Region 2, Ofc of the Director. 90/02/26 6pp 53015-066-53015-071.

9003090180 Advises that next quarterly status meeting for Pu & Pond Decommissioning Projects scheduled for 900320 in Evans, IN. Following meeting NFS will present briefing on proposed HEU Fuel Recovery Facility presently in detailed design phase.  
DKER, R.L. Nuclear Fuel Services, Inc. 90/03/06 HAUGHNEY, C.J. Fuel Cycle Safety Branch. 1p 52947-189-52947-189.

9003160250 Requests technical assistance re review of geohydrology in vicinity of ponds being decommissioned at HFS, Evans, IN.  
CLINE, W.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 03/03/13 BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 1p 53036-285-53036-285

#### DOCKET 70-0145 CASE WESTERN RESERVE UNIV., CLEVELAND, OH

9003190118 Final response to FOIA request for records App A & releasable portions of App C records and App B records available in PDR App C records partially withheld (ref FOIA Exemption 6).  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 630205). 90/03/14 MUNDAY, R. St. Louis Univ., St. Louis, MO. 6pp 53012-023-53012-135

-9003190126 Ack receipt of 860226 notice of violation.  
LEAHY, A.P. Case Western Reserve Univ., Cleveland, OH. 88/03/04 DAVIS, A.B. Region 3, Ofc of the Director. 1p 53012-029-53012-029

-9003190136 Forwards resume of MA Callahan & audit program general objectives.  
HENDERSON, R.J. Case Western Reserve Univ., Cleveland, OH. 89/01/04 MCCANN, M. Region 3, Ofc of the Director. 3pp. 53012-056-53012-059.

-9003190179 Trn rept of 890208 meeting to review regulatory improvement program established by licensee.  
WEDFMAN, D.G. Region 3, Ofc of the Director. 89/03/24. Region 3, Ofc of the Director. 22pp 53012-111-53012-132.

#### DOCKET 70-0190 CATHOLIC UNIV. OF AMERICA, WASHINGTON, DC

9003080389 Forwards Safeguards Insp Repts 50-077/90-01 & 70-0190/90-01 on 900208 & 09 No violations noted.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/26 FAVRET, A.G. Catholic Univ. of America, Washington, DC. 2pp. 52896-287-52896-292.

-9003080393 Mgt Control & Accounting & Physical Security Insp Repts 50-077/90-01 & 70-0190/90-01 on 900208 & 09 No noncompliances noted Major areas inspected physical security including organization & operation & storage.  
RATTA, A.D., KEIMIG, R.R. Region 1, Ofc of the Director. 90/02/26 4pp 52896-289-52896-292.

#### DOCKET 70-0296 KERR-MCGEE NUCLEAR CORP., OKLAHOMA CITY, OK

9003160244 Forwards review of info contained in 900201 submittal re gamma spectrometry sys & requests updated description of excavation, soil sampling & sorting procedures.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/03/13 STAUTER, J.C. Cimarron Corp. 1p 53036-217-53036-220.

#### DOCKET 70-0364 BABCOCK & WILCOX CO., PARKS TOWNSHIP, PA

9002280092 Ack receipt of 890621 ltr re steps taken to correct violations noted in Insp Repts 70-0135/89-02 & 70-0364/89-01 & concurs that requirements specified in posted radiation/contamination work permit not violated.  
KNAPP, M.R. Region 1, Ofc of the Director. 90/02/14. COLEMAN, W.L. Babcock & Wilcox Co. 2pp. 52780-082-52780-088.

#### DOCKET 70-0371 UNC, INC., UNCASVILLE, CT

9002270263 Ack receipt of 891026 ltr informing NRC of steps taken to correct violations noted in Insp Rept 70-0371/89-04. Violation B remains as stated, based on lack of mgt control of licensing process independent analysis recommended.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/14. KAUFMAN, N.C. United Nuclear Corp. 2pp. 52755-350-52755-355.

9002270177 Forwards Nuclear Mgt Control & Accounting Special Insp Rept 70-0371/90-201 on 900122-28 No violations or deviations noted.  
KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/02/18. ANDREWS, R.B. UNC Resources, Inc. 2pp. 52756-187-52756-190.

-9002270183 Partially withheld Insp Rept 70-0371/90-201 on 900122-28 (ref 10CFR12.700) No violations or deviations noted.  
JACKSON, R.L., GUNDERSEN, G.F., WILLIAMS, M. Domestic SG & Regional Oversight Branch (Post 881218). 90/02/18. 2pp. 52756-189-52756-190.

9003070297 Issues revised License Condition 5 to 1 Safeguards Amino SG 2 to License SNM-388, per licensee 891218 ltr.  
KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/02/27 COLLOPY, T.J. United Nuclear Corp. 2pp. 52889-110-52889-111.

9003120719 Forwards organizational changes for incorporation into Part I of License SNM-388.  
GREGG, R.J. United Nuclear Corp. 90/03/06 HAUGHNEY, C. Fuel Cycle Safety Branch. 2pp. 52998-313-52998-314.

9003190028 PN01-90-021 on 900309, licensee mgt informed of termination of contract w/US Navy for fabrication of naval reactor cores resulting in facility shutdown.  
ROTH, J., BORES, R. Region 1, Ofc of the Director. 90/03/12. 1p 53248-302-53248-302.

9003210227 Requests withdrawal of 891117 renewal application & confirmation of licensee until request for termination NRC will be informed of business reduction plans & status development.  
GREGG, R.J. United Nuclear Corp. 90/03/15 HAUGHNEY, C. Fuel Cycle Safety Branch. 1p 53105-149-53105-149.

#### DOCKET 70-0887 CINTICHEM, INC., TUXEDO, NY

9002220346 Forwards Meeting Summary Rept 70-0687/90-01 on 900102 & outlines plan to investigate causes & eliminate contamination in S-4 water.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/02/07 MCGOVERN, J.J. Cintichem, Inc. 2pp. 52706-036-52706-047.

-9002220350 Mgt Meeting Rept 70-0687/90-01 on 900102 Major areas discussed status of actions taken to identify source of contamination in onsite storage drain on 891128 & plan of action for continued corrective measures.  
ROTH, J., BORES, R. Region 1, Ofc of the Director. 90/02/06. 10pp 52706-036-52706-047.

9002220444 Forwards order modifying Licenses R-81 & SNM-639, effective immediately. Order requires that facility remain shut down until existing leaks resulting in release of radioactivity to onsite retention pond identified & fixed.  
THOMPSON, H.L. Dep Exec Dir for Nuc Mats Safety, Safeguards & Operations Support (Post 890205). 90/02/13. MCGOVERN, J.J. Cintichem, Inc. 7pp 52703-335-52703-344.

-9002220447 Order modifying Licenses R-81 & SNM-639, effective immediately. Facility must remain shut down until leaks at facility, resulting in release of radioactivity to onsite retention pond, identified & fixed.  
THOMPSON, H.L. Dep Exec Dir for Nuc Mats Safety, Safeguards & Operations Support (Post 890205). 90/02/13. Cintichem, Inc. 7pp 52703-336-52703-341.

9002260360 Forwards order modifying license issued to licensee on 900213 for transmittal to FH for publication w/o encl.  
LIEBERMAN, J. Ofc of Enforcement (Post 870413). 90/02/13 LESAR, M.T. Regulatory Publications Branch. 1p. 52720-333-52720-333.

9002280474 Application for amend to License SNM-639, changing Section 12.8 to specify that waste form process cylinders, when stored in 12 spaced criticality safe racks can be stored in gamma pit, canal &/or reactor pool.  
RUZICKA, W.G. Mod-Physics, Inc. 90/02/22. HAUGHNEY, C. Ofc of Nuclear Materials Safety & Safeguards, Director. 1p. 52720-355-52720-355.

9002280301 Forwards Amend 5 to License SNM-639, authorizing storage of SNM in reactor storage pool & revising item 9 to read as stated, per 903222 request.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/23. RUZICKA, W.G. Cintichem, Inc. 3pp. 52778-195-52778-203.

-9002280302 Amend 5 to License SNM-639 for Cintichem, Inc., authorizing use of U-235 at facility.  
HAUGHNEY, C.J. Division of Industrial & Medical Nuclear Safety (Post 910723). 90/02/23. 3pp 52778-190-52778-203.

-9002280303 Safety evaluation approving storage of SNM in reactor storage pool.  
COMFORT, G.C. Fuel Cycle Safety Branch. 90/02/23. 2pp 52778-201-52778-202.

-9002280304 Advises of categorical exclusion for Cintichem 900222 application for amend to License SNM-639, allowing SNM to be stored in reactor storage pool. Environ assessment unwarranted.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/23. Fuel Cycle Safety Branch. 1p 52778-203-52778-203.

9003050046 Grants 60 day extension to provide comprehensive response to six violations & three unresolved items noted in Insp Repts 50-054/89-80 & 70-0887/89-80 Response should be submitted by 900423.  
KNAPP, M.R. Region 1, Ofc of the Director. 90/02/23. MCGOVERN, J.J. Cintichem, Inc. 2pp. 52823-139-52823-141.

-9003050050 Requests extension of 90 days to respond to apparent violations & unresolved items noted in Insp Repts 50-054/89-80 & 70-0887/89-80.  
MCGOVERN, J.J. Cintichem, Inc. 90/02/06. KNAPP, M.R. Region 1, Ofc of the Director. 1p. 52823-141-52823-141.

9003140050 Confirmation of Action Ltr CAL-1-90-05 re 900223 commitment to release no water intentionally from onsite holding pond to Indian Hill reservoir & to eliminate leakage/seepage from holding pond to reservoir.  
KNAPP, M.R. Region 1, Ofc of the Director. 90/02/23. MCGOVERN, J.J. Cintichem, Inc. 3pp. 53024-141-53024-143.

9003210193 FOIA request for records re leak or release of radioactive substances from facility.  
GARTNER, E.C. Berle, Kass & Case (formerly Berle, Bulzel, Kass & Case). 90/02/28. KNAPP, M.R. Region 1, Ofc of the Director. 2pp. 53057-019-53057-021.

-9003210215 Amends FOIA request for records re leak or release of radioactive substances at facility. Requests computer list of publicly available documents since 1978 re Cintichem, Inc. & most current amend to License SNM-639.  
GARTNER, E.C. Berle, Kass & Case (formerly Berle, Bulzel, Kass & Case). 90/03/08. GRIMSLEY, D. Division of Freedom of Information & Publications Services (Post 890205). 1p. 53057-021-53057-021.

**3140256** Outlines events leading to 900209 release of slightly contaminated water from site to Indian Kili Reservoir. S-12 water sampled & released prior to receiving analysis due to rapid rise in rainfall water. No further releases made.  
CGOVERN, J.J. Cnt chem, Inc 90/03/01 BORES R Region 1, Ofc of the Director.  
pp 53018.331-53018.340.

**3190380** Forwards plan for locating & repairing primary coolant sys leaks, per requirements of Items A.1.a, A.1.b & A.1.c. Plan will be supplemented as investigation & repair activities progress.  
CGOVERN, J.J. Cnt chem, Inc 90/03/05 THOMPSON, H.L. Office of Nuclear Material Safety & Safeguards, Director. 36pp 53050.033-53050.039

**3270219** Forwards Safety Insp Rept 70-0887/90-02 on 900125-26. No violations noted.  
BELLAMY, R.R. Region 1, Ofc of the Director 90/03/15 MCGOVERN, J.J. Cnt chem, Inc 2pp 53164.102-53164.107

**33270224** Insp Rept 70-0687/90-02 on 900125-26. No violations or deviations noted. Major areas inspected: samples of reactor & environ discharge water for independent analysis & review & observation of licensee actions in entering exhaust duct. THH, J., DRAGON, T.F., BORES, R.J. Region 1, Ofc of the Director. 90/03/15 4pp. 164:104-53164-107.

#### KET 70-0712 KERR-MCGEE NUCLEAR CORP., OKLAHOMA CITY, OK

**260121** Discusses NRC/Kerr-McGee 900207 meeting re Cimarron & Cushing, OK sites. NRC requested that Kerr-McGee send formal ltr describing plans for cleanup for review & comments.  
COMFORT, G. Fuel Cycle Safety Branch 90/02/16. HAUGHNEY, C.J. Fuel Cycle Safety Branch 3pp 52739.133-52739.135.

**230301** Ack receipt of 900213 ltr describing approach to cleanup of low level rad site at Cushing, OK site. Requests that proposal for decontamination of Pit 4 be submitted by 910401. NRC will do final survey of site when decontamination completed.  
BLOM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/15. STAUTER, J.C. Kerr-McGee Corp 3pp 53174.214-53174.220.

#### KET 70-0734 GENERAL ATOMICS, SAN DIEGO, CA

**270130** Forwards "Confirmatory Survey of Bldg 2, Group 4 Labs & Bldg 9, Stage 2 Cons. General Atomics, San Diego, CA." Identified as Insp Rept 70-0734/90-01.  
HAS, G.P. Region 5, Ofc of the Director 90/02/16 RADEMACHER, H.H. General Atomics (formerly GA Technologies, Inc./General Atomic Co.) 2pp 52748.120-748.185.

**2720140** "Confirmatory Survey of Bldg 2, Group 4 Labs & Bldg 9, Stage 2 Cons. General Atomics, San Diego, CA." Final report.  
ITTEN, P.R. Oak Ridge Associated Univ. ORAU 90/A-102 90/01/31 Region 5, Ofc of the Director. 57pp 52748.128-52748.185.

**050185** Recommends release of facilities for unrestricted use based on licensee surveys & results of confirmatory surveys conducted by Oak Ridge Assoc Univs during 1009-12.  
HAS, G.P. Region 5, Ofc of the Director. 00/02/16. SJOBLUM, G.L. Fuel Cycle Safety Branch 2pp 52835.228-52835.229

**260496** Forwards revised License Condition 2.1 to Amend SG-1 to License SNM-3, per 891120 submittal.  
SUND, D.J. Domestic SG & Regional Oversight Branch (Post 881210). 90/02/18. MUSEN, K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.) 2pp 52738.180-52738.191.

#### KET 70-0764 GENERAL ELECTRIC CO., PLEASANTON, CA

**190129** "Effluent Monitoring & Environ Surveillance Programs Annual Summary-39, Vallecitos Nuclear Ctr."  
ST. R.E., CUNNINGHAM, G.E. General Electric Co. 89/12/31. 58pp. 53069.124-369.180.

#### KET 70-0820 UNC RECOVERY SYSTEMS, WOOD RIVER JUNCTION, RI

**260182** Discusses 900205 telcon w/J Ball re status of UNC-WRJ. NRC prepared to sit w/State in near future to discuss license termination.  
KING, G.R. Fuel Cycle Safety Branch 90/02/07. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 1p 52738.128-52738.128

**020045** Ack 900208 ltr re termination of license for Stato of RI facility. Concurs w/way in shipping mail offsite. NRC expects all mail to be shipped & final paperwork in C ofc by 900430.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/27. VELASQUEZ, J.R. UNC Recovery Systems. 1p 52798.271-52798.271.

**070386** Advises of change in mailing address.  
LASQUEZ, J.R. United Nuclear Corp. 90/03/01. HORN, M. NRC - No Data/Ad Affiliation Given. 1p 52890.084-52890.084.

#### KET 70-0925 CIMARRON CORP., OKLAHOMA CITY, OK

**010016** Partial response to FOIA request for records App A & B records available under 900125 App A records.  
ILIPS, J.D. Division of Freedom of Information & Publications Services (Post 3206). 80/02/28. CROUSE, P.J. Grant, McHandrie, Haines & Crouse. 983pp 727:302-52730.204.

**3010286** Trip report of 840508-10 visit to listed facilities to orient new Region III mgt personnel to fuel facility sites & personnel to discuss recent developments within NRC fuel facility licensing activities & review activities.  
ANCE, G.M. Region 3, Ofc of the Director. 84/05/23. Region 3, Ofc of the Director. 3 52728.281-52728.282.

**9003080463** Partial response to FOIA request for records App F records available in PCR.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/27. DEGRAZIA, B.C. Burditt, Bowles & Radzins. Chartered (formerly Burditt, Bowles, Radzins & Radbur. 17pp 53166.192-53173.288

**9003130070** Repts possible overexposure of two employees to soluble airborne U enriched to 25% w/isotope U-235. Inadequate air sampling failed to detect incidents. Routine urine samples will be delivered for analysis & processed weekly.  
SHELLEY, W.J. Kerr-McGee Corp. 81/05/29. KEPLER, J. Region III, IE (720101-810228). 156pp 53170.261-53171.076

**9003130081** "Hydrologic Studies West Chicago Thorium Plant."  
BATH, W.W., GRANT, J.L. Law Engineering Testing Co 81/08/24 99pp. 53171.077-53171.175

**9002260121** Discusses NRC/Kerr-McGee 900207 meeting re Cimarron & Cushing, OK sites. NRC requested that Kerr-McGee send formal ltr describing plans for cleanup for review & comments.  
COMFORT, G. Fuel Cycle Safety Branch 90/02/16. HAUGHNEY, C.J. Fuel Cycle Safety Branch 3pp 52739.133-52739.135

**9002260213** Discusses NRC/Kerr-McGee 900207 meeting re status of Cimarron & Cushing, OK sites.  
HURT, R.D. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/16. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 2pp 52721.056-52721.057

**9003020152** Repts release of SNM in effluents to unrestricted areas during second half of 1989.  
MUNSON, S.C. Cimarron Corp 90/02/19. NORELIUS, C.E. Region 3, Ofc of the Director. 4pp 52816.201-52816.204

**9002280306** Advises of 000301 meeting w/vendor to discuss Cimarron Site investigation report.  
HURT, R.D. Fuel Cycle Safety Branch 90/02/23. SWIFT, J., HAUGHNEY, C.J., SJOBLUM, G. NRC - No Data/Ad Affiliation Given. 2pp 52760.090-52760.391

**9003010506** Forwards staff memoranda describing 900207 meeting re Cimarron & Cushing sites w/o oncl.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/23. STAUTER, J.C. Cimarron Corp 1p 52766.233-52766.233.

**9003010507** Forwards review & comments on "Site Investigation Rept." for Cimarron facilities submitted on 801009. Rept does not contain adequate model of groundwater movement on-site or analysis of U concentrations in groundwater pathways.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch 90/02/23. STAUTER, J.C. Cimarron Corp. 6pp 52771.268-52771.273

**9003020017** Discusses Kerr-McGee revised U survey program for Cimarron site for U contamination. Kerr-McGee gamma spectrometry sys adequate for measuring U concentrations in soil at site for fairly high concentrations above approx 50 pCi/g.  
HURT, R.D. Fuel Cycle Safety Branch. 90/02/28. HAUGHNEY, C.J. Fuel Cycle Safety Branch 3pp 52800.026-52800.029

**9003130763** Forwards summary of 900301 meeting on Cimarron U plant.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/03/09. STAUTER, J.C. Kerr-McGee Corp 1p 53014.352-53014.358.

**9003130768** Summarizes 900301 meeting w/Kerr-McGee Corp re Cimarron U plant. Kerr-McGee will provide info on spacing, orientation & staining of joints in rock in vicinity of proposed soil disposal cell.  
HURT, R.D. Fuel Cycle Safety Branch 90/03/09. HAUGHNEY, C.J. Fuel Cycle Safety Branch 4pp 53014.353-53014.356

#### DOCKET 70-1100 COMBUSTION ENGINEERING, INC., WINDSOR, CT

**9002270271** Ack receipt of 890728 ltr informing NRC of steps taken to correct violations noted in Insp 70-1100/89-03. Signing breathing zone results for incident may not be conservative since validity of samples never determined.  
KNAPP, M.R. Region 1, Ofc of the Director. 90/02/14. WATERMAN, C.R. Combustion Engineering, Inc. 2pp 52756.086-52756.092

**9003150293** Forwards Insp Rept 70-1100/89-07 on 891127-30 & notice of violation. Establishment & implementation of long-term corrective actions for addl apparent violation on will be reviewed during subsequent Insp.  
BELLAMY, R.R. Region 1, Ofc of the Director. 90/03/05. WATERMAN, C.R. Combustion Engineering, Inc. 2pp 53031.001-53031.013.

**9003150297** Notice of violation from Insp on 891127-30. Violation noted: shipping container arrays of different types were not separated from one another by at least 20 ft.  
\* Region 1, Ofc of the Director. 90/03/05. 1p 53031.003-53031.003.

**9003150299** Insp Rept 70-1100/89-07 on 891127-30. Violation noted: Major areas inspected/licensed program including mgt controls, reviews of operations, nuclear criticality safety, transportation & decontamination of onsite areas.  
ROTH, J., BORES, R.J. Region 1, Ofc of the Director. 90/02/26. 10pp 53031.004-53031.013.

**9003260466** Responds to NRC 900214 ltr re violations noted in Insp Rept 70-1100/89-03. Corrective action responsibility for individuals taking &/or evaluating bioassay will be clarified in future.  
SCHERER, A.E. Combustion Engineering, Inc. 90/03/15. KNAPP, M.R. Region 1, Ofc of the Director. 8pp 53157.072-53157.078.

**9003230063** Forwards SALP input for Jul 1988 - Mar 1990, consisting of safeguards-mail control & accounting info.  
KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/03/20. KEIMIG, R.R. Region 1, Ofc of the Director. 2pp 53145.265-53145.266.

## DOCKET 70-1113 GENERAL ELECTRIC CO., WILMINGTON, NC

9002230367 Forwards Insp Rept 70-1113/90-02 on 900116-19 No violations or deviations noted  
COLLINS D.M. Region 2, Ofc of the Director 90/02/07. LEWIS, W.P. General Electric Co 2pp 52719 235-52719 244.

-9002230370 Insp Rept 70-1113/90-02 on 900116-19 No violations or deviations noted Major areas inspected radwaste mgmt & radiological environmental monitoring  
HUGHEY, C.A., SEYMOUR, D.A., DECKER, T.R. Region 2, Ofc of the Director 90/02/06 8pp 52719 237-52719 244

9003050088 Forwards Insp Rept 70-1113/90-01 on 900108-12 No violations or deviations noted  
CLINE, W.E. Region 2, Ofc of the Director 90/02/13 LEWIS, W.P. General Electric Co 2pp 52834 353-52834 358

-9003050090 Insp Rept 70-1113/90-01 on 900108-12 No violations or deviations noted Major areas inspected mgmt organization & controls, training nuclear criticality safety operations review & maint. & surveillance testing  
KASUN, D.J., MACALPINE, E.J. Region 2, Ofc of the Director 90/02/13 4pp 52834 355-52834 358

9002260144 Requests add info re 891109 application to use U recovery from tapcon sludge facility per 900208 discussions. Proposed new Section 1813 should be deleted from amend request  
WILSON, R.E. Fuel Cycle Safety Branch 90/02/14 WINSLOW, T.P. General Electric Co 3pp 52739 033-52739 035

9002270128 Issues Safeguards Amend SG-2 to License SNM-1097, revising License Condition 1.1.  
JASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 90/02/18 WINSLOW, T.P. General Electric Co 1p 52755 356-52755 358

9003210317 PNQ-11-90-013 on 900312 localized fire in U fuel process area discovered. Possibly caused by oxidation reaction in powder fire immediately extinguished w/ portable fire extinguishers  
TROUP, G.L. Region 2, Ofc of the Director 90/03/13 2pp 53112 181-53112 182

## DOCKET 70-1151 WESTINGHOUSE ELECTRIC CORP., COLUMBIA, SC

9003060093 Revises License Condition 1.1 of Amend SG 3 to License SNM-1107, effective upon receipt of ltr as reflected in encl Rev 10, old 891001, consistent w/provisions of 10CFR70.32(c) & can be included in FNMCPT  
KASUN, D.J. Domestic SG & Regional Oversight Branch (Post 881218) 90/02/23 SANDERS, C.F. Westinghouse Electric Corp 2pp 52856 180-52856 181

## DOCKET 70-1193 CIMARRON CORP., OKLAHOMA CITY, OK

9003010016 Partial response to FOIA request for records App A & B records available in PDR Forwards App A records  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 CROUSE, P.J. Grant, McHandrie, Haines & Crouse 883pp 52727 302-52730 204

-9003010286 Tmp rept of 840508-10 visit to listed facilities to orient new Region III mgmt personnel to fuel facility sites & personnel, to discuss recent developments with NRC re fuel facility licensing activities & review activities  
FRANKE, G.M. Region 3, Ofc of the Director 84/05/23 Region 3, Ofc of the Director 2pp 52729 281-52729 282

9003230310 "Cimarron Facility 1989 Annual Environ Samples." W/900312 ltr.  
STAUTER, J.C. Cimarron Corp. 89/12/31 HAUGHNEY, C.J. Fuel Cycle Safety Branch 9pp 53174 202-53174-210

9003020152 Repts release of SNM in effluents to unrestricted area during second half of 1989.  
MUNSON, S.C. Cimarron Corp. 90/02/19 NOELIUS, C.E. Region 3, Ofc of the Director 4pp 52816 201-52816 204

## DOCKET 70-1201 B&amp;W FUEL CO., LYNCHBURG, VA

9003120758 Forwards NPDES Permit issued by Commonwealth of VA mail safety data sheet for EDTA used in parts cleaning room  
LESTER, K.S. Babcock & Wilcox Co. 90/03/08. HORN, M. Fuel Cycle Safety Branch. 2pp 53013 201-53013 226

-9003130025 SPDS permit issued by Commonwealth of VA to authorize discharge under NPDES & Commonwealth of VA Water Control Law.  
\* Virginia, Commonwealth of. 88/08/30. 24pp 53013 203-53013 228

## DOCKET 70-1262 EDLOW INTERNATIONAL CO., WASHINGTON, DC

9003070058 Approves three of four routes to be used for transport of spent fuel, contained in 691228 ltr info re spent nuclear fuel route from Portsmouth Marine Terminal, Portsmouth, VA to Savannah River Plant in Aiken, SC encl.  
MACDONALD, C.E. Transportation Branch 90/02/27. RAVENSCROFT, N. Edlow International Co. 10pp 52890 064-52890 073

9003190313 Addresses second of four routes for transport of spent fuel, contained in 691228 ltr Route from Newport News, VA to DOE Savannah River Plant in Aiken, SC meets regulatory requirements of 10CFR73.37 & approved info re route encl.  
MACDONALD, C.E. Transportation Branch 90/02/27. RAVENSCROFT, N. Edlow International Co. 10pp 53089 078-53089 087

9003090078 Addresses fourth of four routes to be used for transportation of spent fuel route from Norfolk, VA to DOE Savannah River Plant, Aiken, SC approved through 901231.  
MACDONALD, C.E. Transportation Branch 90/03/01. RAVENSCROFT, N. Edlow International Co. 10pp 52972 010-52972 019

9003130621 Forwards Insp Rept 70-1252/90-01 on 900212 No violations noted  
CLINE, W.E. Region 2, Ofc of the Director 90/03/07. Edlow International 53015 027-53015 033

-9003130623 Insp Rept 70-1252/90-01 on 900212 No violations noted Major areas inspected physical protection of shipments of rad.  
ENNIS, J.D., MCGUIRE, D.H. Region 2, Ofc of the Director 90/03/07. 53015 030

9003160127 Advises that encl spent nuclear fuel route from Portland, OR meets 10CFR73.37 requirements & approved  
MACDONALD, C.E. Transportation Branch 90/03/08. RAVENSCROFT, N. Edlow International Co. 13pp 53036 186-53036 198

## DOCKET 70-1267 ADVANCED NUCLEAR FUELS CORP., RICHLAND

9003080057 Record of ltr on w/B Ridge on 891201 re wall thickness of cylinders mgt by Columbiana Bldg Co  
FENNINGTON, W.S. NRC - No Detailed Affiliation Given. 89/12/01 52887 308

9003090165 Rept of gaseous, liquid & solid effluents for Jul-Dec 1989  
MALODY, C.W. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co.) 12/31 MARTIN, J.B. Region 5, Ofc of the Director 4pp 52972 001-52972 002

9003090498 Rev 23 to application for renewal of License SNM-1227, "Safety Demonstration" re location of bldgs on site, maps & plot plans  
\* Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) 52945 227-52945 231

9003160342 Forwards Insp Rept 70-1257/90-01 on 900108-12 & 020108-12 violation NRC concerned that bioassay program not adequate to assess exposure  
SCARANO, R.A. Region 5, Ofc of the Director 90/03/02. MALODY, C.W. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) 2pp 53037 08

-9003160344 Notice of violation from insp on 900108-12 & 020108-12 noted prior to 900209 licensee did not conduct adequate evaluations say sample results from individuals during period of 889104-890103.  
SCARANO, R.A. Region 5, Ofc of the Director 90/03/02. 2pp 5303

-9003160346 Insp Rept 70-1257/90-01 900108-12 & 0205-09 violation areas inspected licensee action on previous insp findings, mgmt & org training/retraining, criticality safety & operations review  
HOOKER, C.A. Region 5, Ofc of the Director 90/03/02. 19pp 5303

9003270307 Forwards proprietary Rev 10 to ANF-538(P), "Physical Protection of Low Strategic Significance" Rept withheld (ref 10CFR2 790).  
EDGAR, J.B. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co.) 08 PATER, J. Region 5, Ofc of the Director 3pp 53191 273-53191 274

## DOCKET 70-1308 GENERAL ELECTRIC CO., SAN JOSE, CA

9003010016 Partial response to FOIA request for records App A & B in PDR Forwards App A records.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 CROUSE, P.J. Grant, McHandrie, Haines & Crouse 883pp 52727 302-52730 204

-9003010244 Responds to 800303 memo re occupational ALARA re fuel fabrication facilities  
DAVIS, A.B. Region III, IE (750101-810228) 80/03/19. HIGGINBOTHAM, J. Fuel Facility & Materials Safety Inspection, IE (750101-801210) 52729 044

9002230305 Forwards Amend 7 to License SNM-2500, changing R 8.4.1 Amend changes job title to "Safety & Security Engineer."  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. INGELS, T.E. Co 3pp 52719 247-52719 256

-9002230311 Amend 7 to SNM-2500 changing job title of "Senior Sp & Safeguards" to "Safety & Security Engineer," in Page 18, Section 8 License  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. 4pp 52719 247-52719 256

-9002230314 Advises that environ assessment or environ impact warranted Change requested due to minor administrative change  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15 Fuel Cycle Safety Branch 52719 254-52719 254

-9002230316 Notice of consideration of issuance of Amend 7 to License SNM-2500  
HAUGHNEY, C.J. Fuel Cycle Safety Branch 90/02/15. 2pp 52719 247-52719 256

9003080065 Annual rept of radionuclides released to environ in all operations  
MCGRATH, J.E. General Electric Co 90/02/15. Region 3, Ofc of the Director 52897 018-52897 019

## DOCKET 70-1359 IRT CORP., SAN DIEGO, CA

9002220556 Ack receipt of 900110 ltr informing NRC of steps taken to correct violations noted in Insp Rept 70-1359/89-01 Corrective actions will be verified  
PATER, J. Region 5, Ofc of the Director 90/02/07 CROSBIE, K. 52705 345-52705 345



**DOCKET 70-2917 TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TN**

**9003260470** Requests rescission of 890813 & 0811 request for exemption from 10CFR70.51(d) due to added tamper indicating Type E seals to end of metal locking bar.  
WALLACE,E.G. Tennessee Valley Authority. 90/03/22. Document Control Branch (Document Control Desk). 4pp. 53156.304-53156.307.

**DOCKET 70-2941 TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TN**

**9003260470** Requests rescission of 890813 & 0811 request for exemption from 10CFR70.51(d) due to added tamper indicating Type E seals to end of metal locking bar.  
WALLACE,E.G. Tennessee Valley Authority. 90/03/22. Document Control Branch (Document Control Desk). 4pp. 53156.304-53156.307.

**DOCKET 70-3041 INTERNATIONAL FREIGHT FORWARDERS, INC., ATLANTA, GA**

**9003140306** Approves 900226 request for route approval for transportation of spent reactor fuel from Port of Savannah to Savannah River Plant,Aiken,SC.  
MACDONALD,C.E. Transportation Branch. 90/03/07. HALPAUS,P. International Freight Forwarders, Inc. 8pp. 63029.351-53029.358.

**PACKAGING OF RADIOACTIVE MATERIAL FOR TRANSPORT AND TRANSPORTATION OF RADIOACTIVE MATERIAL UNDER CERTAIN CONDITIONS****DOCKET 71-0018 NUCLEAR ASSURANCE CORP.**

**9003010493** Responds to 900209 ltr re nonconformances noted in QA Insp Rept 71-0018/90-01,Independent evaluators concluded that remaining weld indications were of permissible form & size. Requests that NRC reconsider position re weld indications.  
STOBBS,J.J. Nuclear Assurance Corp. 90/02/20. MACDONALD,C.E. Transportation Branch. 23pp. 52771.286-52771.313.

**9003090138** Addresses violation & nonconformances noted in QA Insp Rept 71-0018/90-01 not addressed in 900220 ltr,Corrective actions:oral exam given has been documented on record of lead auditor qualification form.  
STOBBS,J.J. Nuclear Assurance Corp. 90/03/08. MACDONALD,C.E. Transportation Branch. 9pp. 52945.105-52945.113.

**DOCKET 71-0024 WESTINGHOUSE ELECTRIC CO.**

**902270145** Advises that operation & maint of LN Technologies acquired equipment under Westinghouse approved QA Program 0024 acceptable,per 891214 ltr.  
MACDONALD,C.E. Transportation Branch. 90/02/05. ROY,B. Westinghouse Radiological Services, Inc. 1p. 52748.097-52748.097.

**903020257** Advises that Scientific Ecology Group acquired LN Technologies QA program,per 900228 telcon.  
MCONEY,J. Scientific Ecology Group, Inc. 90/02/28. GORDON,L. Transportation Branch. 1p. 52799.354-52799.360.

**90320254** Application for renewal of QA program approval for radioactive mail package 0024.  
MCONEY,J.L. Westinghouse Radiological Services, Inc. 90/03/13. GORDON,L. Transportation Branch. 1p. 53145.104-53145.104.

**DOCKET 71-0026 EASTERN TESTING & INSPECTION**

**902270233** Application for renewal of QA program approval for radioactive mail package 0028.  
BADIALI,J. Eastern Testing & Inspection, Inc. 90/02/19. MACDONALD,C.E. NRC - No Detailed Attention Given. 1p. 52758.195-52758.195.

**903140209** Forwards QA program approval for radioactive mail package: 0028,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/03/02. BADIALI,J. Eastern Testing & Inspection, Inc. 1p. 53020.004-53020.005.

**9003140212** QA program approval for radioactive mail package:0028,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/03/02. 1p. 53020.005-53020.005.

**DOCKET 71-0044 UNITED AIRLINES, INC.**

**903130418** Advises that QA program approval for radioactive mail package:0044 expires on 900331,Request for renewal should be submitted at least 30 days prior to expiration.If renewal not desired,NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/02/23. NELSON,L. United Airlines, Inc. 1p. 52996.200-52996.200.

**90090291** Application for renewal of QA program approval for radioactive mail package 0044.  
NELSON,L. United Airlines, Inc. 90/03/05. MACDONALD,C.E. Transportation Branch. 1p. 52973.133-52973.133.

**DOCKET 71-0079 BABCOCK & WILCOX CO.**

**90090275** Forwards QA program approval for radioactive mail package: 0079,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/02/28. GRABER,H.C. Babcock & Wilcox Co. 1p. 52893.133-52893.134.

**DOCKET 71-0082 SEQUOYAH FUELS CORP.**

**9003050138** Revokes prohibition on use of 68 UFG shipping cylinders w/ nonspecification stiffening rings subj to listed conditions.  
HENRY,L.C. Canada, Govt. of. 89/11/24. OLIVER,A.J. Cameco (formerly Eldorado Nuclear, Ltd./Eldorado Resources, Ltd. 7pp. 52835.219-52835.225.

**DOCKET 71-0085 NAVY, DEPT. OF**

**9002230115** Application for renewal of QA program approval for radioactive mail package 0085.  
MALINOSKI,J.W. Navy, Dept. of. 90/02/14. Transportation Branch. 10pp. 52719.119-52719.128.

**9003080164** Forwards QA program approval for radioactive mail package:0085,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/02/28. GOMPER,S. Navy, Dept. of. 1p. 52923.023-52923.024.

**-9003080171** QA program approval for radioactive mail package:0085,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/02/28. 1p. 52923.024-52923.024.

**DOCKET 71-0114 COLBY-THIELMEIER TESTING CO.**

**9003020222** Application for renewal of QA program approval for radioactive mail package 0114.  
THIELMEIER,D. Colby-Thielmeier Testing Co.,Inc. 90/03/02. MACDONALD,C.E. Transportation Branch. 1p. 52836.239-52836.250.

**-9003020276** "QA Program for Industrial Radiography Licensees."  
Colby-Thielmeier Testing Co.,Inc. 90/02/20. 11pp. 52836.240-52836.250.

**DOCKET 71-0159 LOCKHEED MISSILES & SPACE CO., INC.**

**9002270290** Forwards QA program approval for radioactive mail package: 0159,Rev 4.  
MACDONALD,C.E. Transportation Branch. 90/02/16. Lockheed Missiles & Space Co., Inc. 1p. 52759.089-52759.090.

**-9002270292** QA program approval for radioactive mail package:0159,Rev 4.  
MACDONALD,C.E. Transportation Branch. 90/02/16. 1p. 52759.090-52759.090.

**DOCKET 71-0179 NUCLEAR CONTAINERS, INC.**

**9003140441** Responds to 900124 ltr re violations & nonconformances reported in Section 4 of Insp Rept 71-0179/89-05,Corrective actions:10CFR21 posted in conspicuous place & SOP posted for reporting defects & nonconformances.  
HOUSEHOLDER,W. Nuclear Containers, Inc. 90/03/07. MACDONALD,C.E. Transportation Branch. 5pp. 53019.342-53019.346.

**DOCKET 71-0185 BFB, INC.**

**9002280180** Forwards QA Insp Rept 71-0185/89-04 on 890710-13,Violations & nonconformances listed in Item 4 of rept.  
MACDONALD,C.E. Transportation Branch. 90/02/08. SPRINGFIELD,H. BFB, Inc. 1p. 52760.187-52760.211.

**-9002280182** QA Insp Rept 71-0185/89-04 on 890710-13,Violation noted re failure to evaluate deviations or inform licensee of deviation,Nonconformance noted re QA training program,Major areas inspected,container design & fabrication.  
GORDON,L.L. Office of Nuclear Material Safety & Safeguards,Director. PETERSON,R. EG&G, Inc. MACDONALD,C.E. Transportation Branch. 90/02/08. 24pp. 52760.188-52760.211.

**9003280481** Responds to NRC violations & noncompliances noted in Insp Rept 71-0185/89-04,Corrective actions:10CFR21 filed & posted in conspicuous areas in shop & o/c & Procedure 18.2,Rev 0, "Reporting of Defects & Noncompliance,10CFR21" issued.  
HALVERSON,R.D. STRINGFIELD,H. BFB, Inc. 90/03/21. Transportation Branch. 45pp. 53156.108-53156.162.

**DOCKET 71-0192 PACIFIC NUCLEAR SYSTEMS, INC.**

**9002230328** Advises of hold on TRUPACT-II containers affected by quality discrepancy repts on localized wall thickness,as result of 900213-14 Insp.  
TEMUS,C.J. Pacific Nuclear Systems, Inc. 90/02/16. MACDONALD,C.E. Transportation Branch. 1p. 52715.067-52715.087.

**9003070305** Responds to Temus 900216 ltr re insp of fabrication activities at facility on 900213-14 & less-than-nominal wall thickness measurements for TRUPACT-II packaging,NRC has understanding that all packages placed in hold status.  
MACDONALD,C.E. Transportation Branch. 90/02/27. DAWSON,D. Nuclear Packaging, Inc. 1p. 52889.112-52889.112.

**DOCKET 71-0239 NAVY, DEPT. OF**

**9002260548** Forwards QA program approval for radioactive mail package: 0239,Rev 3.  
MACDONALD,C.E. Transportation Branch. 90/02/14. BEERS,C.J. Navy, Dept. of. 1p. 52728.255-52728.255.

**DOCKET 71-0241 UMC NUCLEAR INDUSTRIES**

9003190253 Advises that QA program approval for radioactive mail package 0241 expired on 9/01/31 & registration under provisions of 10CFR71.12 & as user of Certificates of Compliance 55C8.6458 & 9019 terminated  
 MACDONALD,C.E Transportation Branch 90/03/12 NELSON R A UMC Recovery Systems 1p 53068 273 53068 273

**DOCKET 71-0251 WESTINGHOUSE ELECTRIC CORP.**

9003160242 Advises that QA program approval for radioactive mail package 0251 expired on 9/06/31  
 MACDONALD,C.E Transportation Branch 90/03/07 HADDI,A.J Westinghouse Electric Corp 1p 53035 128 53035 128

**DOCKET 71-0308 ALASKA INDUSTRIAL X-RAY**

9003020220 QA Program of Alaska Industrial X-Ray,Inc  
 MILLAR,P.A Alaska Industrial X-Ray, Inc (AIX) 90/02/26 2pp 52835 237 52836 238

**DOCKET 71-0326 INDUSTRIAL NDT SERVICES DIV. (INDUSTRIAL HEAT TREATING**

9003140174 "Personnel Exposure & Monitoring Rpt for 1989"  
 THOMPSON,J.M Industrial Heat Treating & Metallurgical Co., Inc. 90/03/05 Office of Nuclear Regulatory Research (Post 860720). 1p 53030 005 53030 005

**DOCKET 71-0347 STONE & WEBSTER ENGINEERING CORP.**

9002270284 Forwards QA program approval for radioactive mail package 0347,Rev 3  
 MACDONALD,C.E Transportation Branch 90/02/16 CH,N,P K Stone & Webster Engineering Corp 1p 52759 091 52759 092

--9002270287 QA program approval for radioactive mail package 0347,Rev 3  
 MACDONALD,C.E Transportation Branch 90/02/16 1p 52759 092 52759 092

**DOCKET 71-0348 CATERPILLAR TRACTOR CO**

9003220251 Application for renewal of QA program approval for radioactive mail package 0348 Fee paid  
 Caterpillar Tractor Co 90/03/22 NRC - No Detailed Affiliation Given 2pp 53145 018 53145 020

**DOCKET 71-0352 NILES STEEL TANK CO.**

9003010502 Application for renewal of QA program approval for radioactive mail package 0352  
 WOOD,R.H Niles Steel Tank 90/02/21 MACDONALD,C.E Transportation Branch 1p 52785 315 52785 316

--9003010503 Ack receipt of application for renewal of License 21-04741-01 Application will not expire until final action taken by NRC  
 VACHERON,P.M Region 3, Ofc of the Director 90/01/16 WOOD,R.H. Niles Steel Tank 1p 52785 317 52785 320

--9003010505 "QA Program,10CFR71."  
 WOOD,R.H Niles Steel Tank 90/02/21 45pp 52785 321 52786 007

**DOCKET 71-0355 GPU NUCLEAR CORP.**

9002090037 Application for renewal of QA program approval for radioactive mail package 0355  
 FITZPATRICK,E General Public Utilities Corp - GPU Service Corp 90/01/30 MACDONALD,C.E Transportation Branch 1p 53046 096 53046 096

9002270273 Forwards QA program approval for radioactive mail package 0355,Rev 3  
 MACDONALD,C.E Transportation Branch 90/02/16 FITZPATRICK,E General Public Utilities Corp - GPU Service Corp 1p 52755 357 52755 358

--9002270280 QA program approval for radioactive mail package 0355,Rev 3  
 MACDONALD,C.E Transportation Branch 90/02/16 1p 52755 358 52755 358

**DOCKET 71-0362 WISCONSIN PUBLIC SERVICE CORP.**

9003060198 Application for renewal of QA program approval for radioactive mail package 0362 Fee paid  
 EVERS,K.H Wisconsin Public Service Corp 90/02/27 MACDONALD,C.E Transportation Branch 2pp 52851 267 52851 268

**DOCKET 71-0363 BRIGGS ENGINEERING & TESTING CO., INC.**

9003130781 Application for renewal of QA program approval for radioactive mail package 0363 Fee paid  
 SKORCHOD,P.M Briggs Associates, Inc. (formerly Briggs Engineering Testing, Inc). 90/03/05 MACDONALD,C.E Transportation Branch 1p 52895 218 52895 218

**DOCKET 71-0393 VOITH HYDRO, INC.**

9003220311 Requests amend to QA program approval for radioactive mail package 0393,Rev 3,reflecting organizational change.  
 GUTACKER,H.C Voith, Inc 90/03/15 Office of Nuclear Material Safety & Safeguards,Director 2pp 53145 011 53145 012

**DOCKET 71-0496 LN TECHNOLOGIES CORP.**

9003020257 Advises that Scientific Ecology Group acquired LN Technologies Corp program per 900228 telcon  
 MOONEY J Scientific Ecology Group, Inc 90/02/28 GORDON L Transportation Branch 1p 52798 354 52798 360

**DOCKET 71-0524 RADIATION STERILIZERS, INC.**

9003080218 Forwards QA program approval for radioactive mail package 0524,Rev 1  
 MACDONALD,C.E Transportation Branch 90/02/28 CH N A Radiation Sterilizers Inc 1p 52910 133 52910 134

--9003080221 QA program approval for radioactive mail package 0524,Rev 1  
 MACDONALD,C.E Transportation Branch 90/02/28 1p 52910 134 52910 134

**DOCKET 71-0528 NORTHROP RESEARCH & TECHNOLOGY CENTER (NORTHROP CORP.)**

9002230149 Advises that Northrop does not intend to renew QA program approval for radioactive mail package 0528 Shipping of fuel was short-term effort & decommissioning project completed  
 COZENS G Northrop Corp 90/02/08 MACDONALD,C.E Transportation Branch 1p 52715 334 52715 334

9003080300 Advises that QA Program Approval 0528 terminated & licensee removed as user of Certificate of Compliance 0526  
 MACDONALD,C.E Transportation Branch 90/03/31 COZENS G Northrop Corp 1p 52897 079 52897 079

**DOCKET 71-0529 THERAPY SERVICES**

9003050318 Forwards QA program approval for radioactive mail package 0529,Rev 1  
 MACDONALD,C.E Transportation Branch 90/02/22 FOGLE,J.L Therapy Services Inc 1p 52837 081 52837 082

--9003050321 QA program approval for radioactive mail package 0529,Rev 1  
 MACDONALD,C.E Transportation Branch 90/02/22 1p 52837 082 52837 082

**DOCKET 71-0532 WESTERN X-RAY**

9002270259 Responds to 800123 ltr & 900212 telcon re use of packages under provisions of 10CFR71.12 Package identification number specified in package approvals issued by NRC requested  
 MACDONALD,C.E Transportation Branch 90/02/21 PETERS,J Western X-Ray, Inc 1p 52759 083 52759 083

**DOCKET 71-0611 INDUSTRIAL NDT CO.**

9003060044 Advises that licensee authorized user for Amersham Models 683,660 & 103A under Certificate of Compliance 9063,9033, 9127 & 0611 respectively  
 PATTERSON,J.W Industrial NDT Co 90/02/28 MACDONALD,C NRC - No Detailed Affiliation Given 1p 52848 094 52848 094

**DOCKET 71-0693 CENTERIOR SERVICE CO.**

9003140217 Forwards QA program approval for radioactive mail package 0693,Rev 0  
 MACDONALD,C.E Transportation Branch 90/03/02 WALLS,H Centerior Service Co 1p 53020 002 53020 003

--9003140220 QA program approval for radioactive mail package 0693,Rev 0  
 MACDONALD,C.E Transportation Branch 90/03/02 1p 53020 003 53020 003

**DOCKET 71-0694 PIPELINE INSPECTION & ENGINEERING, INC.**

9003070087 Requests registration as user of Certificates of Compliance 0694,9056,9036,8717,9007,9033,9032 & 9006 QA program entl Fee paid  
 WILKINS,T L Pipeline Inspection & Engineering Inc 90/02/28 GORDON L NRC - No Detailed Affiliation Given 7pp 52887 310 52887 316

**DOCKET 71-0695 NATIONAL CERTIFIED TESTING LABORATORIES**

9002270421 "QA Program for Industrial Radiography & Sealed Sources"  
 GRIFFIN,D National Certified Testing Laboratories 90/02/27 GORDON L Transportation Branch 3pp 52758 038 52758 040

9003080278 Forwards QA program approval for radioactive mail package 0695,Rev 2  
 MACDONALD,C.E Transportation Branch 90/03/02 GRIFFIN,D National Certified Testing Laboratories 1p 52897 094 52897 095

--9003080283 QA program approval for radioactive mail package 0695,Rev 0  
 MACDONALD,C.E Transportation Branch 90/03/02 1p 52897 095 52897 095

**DOCKET 71-3009 MODEL: GNS 12, TRANSPORTATION, DEPT. OF**

9003060070 Requests info re shielding & criticality sections of DOT referral,German Cask GNS-12  
 WITHEE,C.J. Transportation Branch 90/02/20 HUANG,D.T. NRC - No Detailed Affiliation Given 1p 52855 345 52855 345

**3003230146** Forwards request for addl info re 891218 review request for assistance in evaluating German Competent Authority Certificate D/2065/B(U). Rev 0 for GNS 12 shipping container.  
MACDONALD,C.E. Transportation Branch 90/03/21 WANGLER,M.E. Transportation  
Dopl. of. 2pp 53146 061-53146 062.

**DOCKET 71-4949 MODEL: UNC-1484, UNITED NUCLEAR CORP.**

**3003060059** Confirms that QA program approval for radioactive mail package 4949 expired on 891130, in response to 891114 ltr.  
MACDONALD,C.E. Transportation Branch 90/02/21. GREGG,R.J. United Nuclear Corp. 1p 52855 346-52855 346.

**DOCKET 71-4986 MODEL: RA-2, RA-3, RA-J, GENERAL ELECTRIC CO.**

**002230516** Requests registration as user of GE Models RA-2 & RA-3  
HORN,G.R. Nebraska Public Power District. 90/02/16 MACDONALD,C.E. Office of Nuclear Material Safety & Safeguards, Director 1p 52716 195-52716 195.

**003150054** Notification of registration as user of Certificate of Compliance 4086  
MACDONALD,C.E. Transportation Branch 90/03/07 REILKE,R.L. Nebraska Public Power District 1p 53032 178-53032 178.

**003230315** Application for amend to Certificate of Compliance 4986, permitting shipment of Pathfinder fuel assemblies w/up to 7.5 weight% enrichment in Model RA-3 shipping packages.  
LEONARD,J.F. Energy, Dept. of. 90/03/22. MACDONALD,C.E. Transportation Branch 7pp 53174 146-53174 191.

**9003230317** "Criticality Safety Evaluation for Pathfinder Fuel Elements in Model RA-3 Shipping Containers."  
JONES,R.R. EG&G Idaho, Inc. (subs. of EG&G, Inc.). JONES,R.R. Idaho National Engineering Laboratory. EG&G-NEED 744 R02 90/02/28. 3ppp 53174 153-53174 181.

**DOCKET 71-5086 MODEL: UNC-2600, UNITED NUCLEAR CORP.**

**303260010** Advises that Certificate of Compliance 5086 for Model UNC-2600 expires on 900531. Renewal must be requested within 30 days of expiration if renewal not desired. NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/03/13 GREGG,R.J. United Nuclear Corp. 1p 53148 296-53148 296.

**DOCKET 71-5149 MODEL: 814A, BABCOCK & WILCOX CO.**

**302260547** Requests consolidated application in place of 890810 application for renewal of Certificate of Compliance 5149 for Model 814A package. Application should include B&W 790920 application & section of operating procedure maint. program.  
MACDONALD,C.E. Transportation Branch 90/02/13. OLSEN,A.F. Babcock & Wilcox Co. 1p 52738 121-52738 121.

**DOCKET 71-5764 MODEL: RMG-172, NUCLEAR FUEL SERVICES, INC.**

**302270288** Ack withdrawal of 890906 application for renewal of Certificate of Compliance 5754. In response to 900131 request.  
MACDONALD,C.E. Transportation Branch 90/02/21. DROKE,R.P. Nuclear Fuel Services, Inc. 1p. 52760 060-52760 060.

**DOCKET 71-5795 MODEL: ORNL FOAMGLAS, ENERGY, DEPT. OF**

**303210174** Advises that Certificate of Compliance 5795 for Model ORNL Foamglas package expires on 900430. Renewal must be requested within 30 days of expiration if renewal not desired. NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/03/13. LEONARD,J.F. Energy, Dept. of. 1p. 53132 165-53132 165.

**DOCKET 71-5908 MODEL: DOT-8M TYPE B, BABCOCK & WILCOX CO.**

**303190253** Advises that QA program approval for radioactive mail package 0241 expired on 900131 & registration under provisions of 10CFR71.12 & as user of Certificate of Compliance 5908, 6458 & 9019 terminated.  
MACDONALD,C.E. Transportation Branch. 90/03/12 NELSON,R.A. UNC Recovery Systems. 1p. 63068 273-63068 273.

**DOCKET 71-5939 MODEL: GE-1500, GENERAL ELECTRIC CO.**

**303260320** Reports presence of water in cask cavity. Possibly caused by water entering space through defective weld connecting cavity bottom to drain line. Action plan will assure safe transport of encapsulated Cs-137 sources in RS1 owned casks.  
CHIN,A. Radiation Sterilizers, Inc. 89/09/29. BERNERO,R.M. Office of Nuclear Material Safety & Safeguards, Director. 8pp. 53148 160-53148 167.

**303060264** Forwards Rev 4 to "Cosium Chloride Containment Canister for Model 1500 Shipping Package SAR Amend." in support of 890805, 28, 1120 & 900116 amend requests.  
PAQUIN,P.L. Chem-Nuclear Systems, Inc. 90/03/03. MACDONALD,C.E. Transportation Branch 2pp. 52838 208-52838 247.

**303060261** Rev 4 to "Cosium Chloride Containment Canister for Model 1500 Shipping Package SAR Amend."  
Chem-Nuclear Systems, Inc. \* Packaging Technology, Inc. 90/03/05. 38pp. 52838 208-52838 247.

**30300374** Partial response to FOIA request. App A records encl & available in PDR.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/12. GILBERT,L.S. Akin, Gump, Strauss, Hauer & Fold (formerly Akin, Gump, Hauer & Fold). 8pp. 53055 184-53055 018.

**--9003200404** Submits report re discovery of presence of water in cavities of some Model 1500 casks owned by Radiation Sterilizers, Inc. upon casks receipt at federal facilities. Action plan w/ periodic testing & repair discussed. Related info encl.  
CHIN,A. Radiation Sterilizers, Inc. 89/09/29. BERNERO,R.M. Office of Nuclear Material Safety & Safeguards, Director. 18pp. 53055 233-53055 250.

**--9003200413** Summary of 890418 meeting w/ Westinghouse Hanford Co re shipment of cesium chloride capsules in modified Model 1500 shipping cask. Viewgraphs from presentation on status of DOE encapsulated mail program encl.  
EASTON,E.P. Transportation Branch 89/04/28. Transportation Branch 19pp. 53055 283-53055 301.

**9003260016** Forwards Rev 10 to Certificate of Compliance 5939 for Model 1500 package & approval record.  
MACDONALD,C.E. Transportation Branch 90/03/14. PAQUIN,P.L. Chem-Nuclear Systems, Inc. 1p. 53147 148-53147 157.

**--9003260017** Certificate of Compliance 5939, Rev 19, for Model 1500.  
MACDONALD,C.E. Transportation Branch 90/03/14. 9pp. 53147 149-53147 157.

**9003220258** Forwards for review & approval, Rev 5, "Cosium Chloride Containment Canister for Model 1500 Shipping Package." Amend authorizes fillet welds to be used on both sides of lift lugs.  
PAQUIN,P.L. Chem-Nuclear Systems, Inc. 90/03/21. MACDONALD,C.E. Transportation Branch 2pp. 53145 001-53145 008.

**--9003220260** Rev 5 to "Cosium Chloride Containment Canister for Model 1500 Shipping Package."  
Chem-Nuclear Systems, Inc. 90/03/21. 6pp. 53145 003-53145 008.

**DOCKET 71-5980 MODEL: GE-600, GENERAL ELECTRIC CO.**

**9002260082** Application for renewal of Certificate of Compliance 5980 for Model 600. Weights of components modified to agree w/ weights on Certification Drawing 129D4742. Small lead liner eliminated. Fee paid.  
CUNNINGHAM,G.E. General Electric Co. 90/02/27. MACDONALD,C.E. Transportation Branch 22pp. 52778 078-52778 115.

**9003200374** Partial response to FOIA request. App A records encl & available in PDR.  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/12. GILBERT,L.S. Akin, Gump, Strauss, Hauer & Fold (formerly Akin, Gump, Hauer & Fold). 6pp. 53055 184-53055 018.

**--8909190302** Discusses suspected leaking Cs-137 source capsules during shipment from Radiation Sterilizers, Inc. to ORNL. Capsules shipped in Model GE-600 Proposed procedures to assure dryness by blowing water out of canister acceptable.  
MACDONALD,C.E. Transportation Branch 90/03/13. Transportation Branch 2pp. 53058 056-53058 058.

**DOCKET 71-6208 MODEL: B, BABCOCK & WILCOX CO.**

**9003260012** Advises that Certificate of Compliance 6206 for Model B expires on 900531. Renewal must be requested within 30 days of expiration if renewal not desired. NRC should be so notified.  
MACDONALD,C.E. Transportation Branch 90/03/13. WATTERS,J.P. Babcock & Wilcox Co. 1p. 53148 297-53148 297.

**DOCKET 71-6272 MODEL: 6272, U.S. ECOLOGY, INC.**

**9002260540** Requests rev of 891209 application for renewal of Certificate of Compliance 6272 to include sequential presentation of operating procedures, cautionary notes on package handling & limits on package content.  
MACDONALD,C.E. Transportation Branch. 90/02/13. CRASE,A. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 1p. 52722 085-52722 085.

**DOCKET 71-6273 MODEL: 48X, 48F, 48A & 48Y, ALLIED CHEMICAL CORP.**

**9003120664** Partial response to FOIA request for documents. Forwards documents listed in App C. App C documents also available in PDR.  
PHILIPS,J.H. Division of Freedom of Information & Publications Services (Post 890205) 90/03/09. CROUSE,P.J. Grant, McHandrie, Heines & Crouse. 3pp. 52926 300-52926 041.

**--9003130531** Informs of registration to deliver licensed mail to carrier for transport in Allied General Nuclear Svcs Models 48A, 48X, 48F & 48Y packages, per 770509 request.  
MACDONALD,C.E. Transportation Certification Branch. 77/05/11. RILEY,A.D. Allied Chemical Corp. 1p. 52928 193-52928 193.

**DOCKET 71-6280 MODEL: A-0109, J.L. SHEPHERD & ASSOCIATES**

**9003060055** Forwards Rev 5 to Certificate of Compliance 6280 for Model A-0109, per 891122 application.  
MACDONALD,C.E. Transportation Branch. 90/02/21. SHEPHERD,M.F. J.L. Sheppard Corp. 1p. 52858 001-52858 004.

**--9003060058** Certificate of Compliance 6280, Rev 5, for Model A-0109.  
MACDONALD,C.E. Transportation Branch. 90/02/21. 3pp. 52858 002-52858 004.

**9003070084** Application for rev to Certificate of Compliance 6280 for extension of Model A-0117 Overpack to include DOT-7A.  
SHEPHERD,J.L. J.L. Sheppard Corp. 90/03/05. MACDONALD,C.E. Transportation Branch. 4pp. 52887 357-52887 360.

Model C-1, 2501 Shipping Container, superceding 68122 & 1203 submittals w/176  
over size drawings  
SCHERER, A.E. Combustion Engineering, Inc. 90/02/22 MACDONALD, C.E. Transportation Branch 44pp. 53061 003-53061 035.

**DOCKET 71-6346 MODEL: FSV-1 & FSV-1A, PUBLIC SERVICE CO. OF COLORADO**

9003060116 Amend to 900116 request to change min thorium (Th) U ratio of 8:1 to 8.1:1 to remain consistent w/Th & U weights Revised pages to GADR-55, Rev 0, Vol II also encl  
BREY, H.L. Public Service Co. of Colorado. 90/02/28 MACDONALD, C.E. Transportation Branch 3pp 52851 242-52851 246

-9003120645 Revised pages to Rev 0, Vol II la, "Consolidated Design Rept for Model FSV-1A Package," modified to show amended request of thorium U 8.1:1 ratio  
Public Service Co. of Colorado GADR-55 ROD ERR 90/02/28 2pp 52851 245-52851 246

9003210093 Forwards Rev 21 to Certificate of Compliance 6346 for Models FSV-1 & FSV-1A  
MACDONALD, C.E. Transportation Branch 90/03/13 BREY, H.L. Public Service Co. of Colorado 1p. 53099 112-53099 118

-9003210095 Certificate of Compliance 6346, Rev 21, for Models FSV-1 & FSV-1A  
MACDONALD, C.E. Transportation Branch 90/03/13 6pp 53099 113-53099 118

**DOCKET 71-6347 MODEL: FSV-3, GA TECHNOLOGIES, INC.**

9003070383 Requests that DOE notify NRC to become registered user of FSV-3 package under Certificate of Compliance 6347  
BREY, H.L. Public Service Co. of Colorado. 90/02/13 LEONARD, J.F. Energy, Dept. of. 2pp 52868 011-52868 012

9003080432 Notification of registration as user of Certificate of Compliance 6347 in response to 900214 request  
MACDONALD, C.E. Transportation Branch 90/02/27 LEONARD, J.F. Energy, Dept. of. 1p. 52897 078-52897 078

**DOCKET 71-6458 MODEL: BU-5, GENERAL ELECTRIC CO.**

9003190253 Advises that QA program approval for radioactive matl package 0241 expired on 900131 & registration under provisions of 10CFR71.12 & as user of Certificate of Compliance 5908, 6458 & 9019 terminated  
MACDONALD, C.E. Transportation Branch 90/03/12 NELSON, R.A. UNC Recovery Systems. 1p. 53068 273-53068 273

**DOCKET 71-6601 MODEL: CNS 8-120, CHEM-NUCLEAR SYSTEMS, INC.**

9003010447 Requests registration as user of Models CNS 14-170, Series II & III, CNS 14-195H, CNS 14-215H, CNS 8-120A, CNS 8-120B, CNS 6-80-2 & NUPAC PAS-1.  
SPANGENBERG, F. Illinois Power Co. 90/02/27 MACDONALD, C.E. Transportation Branch 2pp 52791 141-52791 142

9003190284 Notification of registration as user of Model's CNS 8-120-8, 120B, 14-195 H-8-80-2 & 2A, HN-100, Series 3 & NUPAC 14D-20  
MACDONALD, C.E. Transportation Branch 90/03/09 SPANGENBERG, F. Illinois Power Co. 1p. 53050 286-53050 286

**DOCKET 71-6697 MODEL: GE-8500, ENERGY, DEPT. OF**

9003080434 Requests addl info re 900131 request for renewal of Certificate of Compliance 6697 for Model GE-8500 package  
MACDONALD, C.E. Transportation Branch 90/02/27 LEONARD, J.F. Energy, Dept. of. 2pp 52897 070-52897 073

**DOCKET 71-6703 MODEL: RG-1, GA TECHNOLOGIES, INC.**

9003210196 Advises that Certificate of Compliance 6703 for Model RG-1 expires on 900531 Application for renewal requested within 30 days of expiration If renewal not desired, NRC should be so notified  
MACDONALD, C.E. Transportation Branch 90/03/13 ASMUSSEN, K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.) 1p. 53132 228-53132 228

**DOCKET 71-6717 MODEL: 6717-B, AMERSHAM CORP.**

9003020130 Advises of problems encountered by H&G & other private industrial radiography firms in transportation of radioactive mats & urge that regulation be reconsidered  
GIBSON, H.W. H & G Inspection Co., Inc. 90/01/17 Office of Nuclear Material Safety & Safeguards, Director. 2pp. 52816 258-52816 259

9002260232 Notification of registration as user of Certificate of Compliance 6717, in response to 900129 request  
MACDONALD, C.E. Transportation Branch 90/02/14 GIBSON, H.W. H & G Inspection Co., Inc. 1p. 52738 129-52738 129

FOY, D.L. Mississippi Tank Co., Inc. 90/02/27 MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 1p. 52852 193-52852 193

9003070087 Requests registration as user of Certificates of Compliance 0694, 9056, 9036, 6717, 9007, 9033, 9032 & 9006 QA program encl. Fee paid  
WILKINS, T.L. Pipeline Inspection & Engineering, Inc. 90/02/28 GORDON, L. NRC - No Detailed Affiliation Given. 7pp 52887 310-52887 318

9003140055 Requests registration as user of Model's C-1, SPEC 2-T, 6717-B, Gamma Rogers, T. Mitterright Boiler Works, Inc. 90/03/07 MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 53023 076-53023 077

9003210169 Notification of registration as user of Models 6717-B, AI 500 SU, 650, 660, 660E & C-1, per 900222 request  
MACDONALD, C.E. Transportation Branch 90/03/13 WALLS, H. Centenor Service Co. 1p. 53132 220-53132 220

9003260246 Notification of registration as user of Model 6717-B, in response to 900222 ltr & telcon  
MACDONALD, C.E. Transportation Branch 90/03/15 COLLINS, L.E. Trinity Industries, Inc. 1p. 53149 193-53149 193

9003230138 Notification of registration as user of Model's 6717-B, C-1, SPEC 2-T & Century S & SA, per 900227 request  
MACDONALD, C.E. Transportation Branch 90/03/19 FOY, D.L. Mississippi Tank Co., Inc. 1p. 53173 380-53173 360

9003260568 Requests registration of user of Amersham Models 660, 50-A & 6717-B & Gamma Century S  
WIGGINS, D.C. TET, Inc. 90/03/26 MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 1p. 53175 360-53175 360

**DOCKET 71-6745 MODEL: FSV-2, GA TECHNOLOGIES, INC.**

9002270075 Forwards request for addl info re 900116 application for renewal of Certificate of Compliance 6745 for Model FSV-2  
MACDONALD, C.E. Transportation Branch 90/02/15 ASMUSSEN, K. General Atomics (formerly GA Technologies, Inc./General Atomic Co.) 2pp 52759 061-52759 062

**DOCKET 71-9001 MODEL: IF-300, PACIFIC NUCLEAR SYSTEMS, INC.**

9003210022 Application for renewal of Certificate of Compliance 9001 for Model IF-300 spent fuel shipping cask  
WHEADON, W.C. Pacific Nuclear Systems, Inc. 90/03/12 MACDONALD, C.E. Transportation Branch 1p. 53098 326-53098 326

9003210166 Advises that QA program approval for radioactive matl package 9001 expires on 900531 Renewal must be requested within 30 days of expiration If renewal not desired, NRC should be so notified  
MACDONALD, C.E. Transportation Branch 90/03/13 PORTER, S.A. Nuclear Packaging, Inc. 1p. 53132 240-53132 240

**DOCKET 71-9006 MODEL: AI 600 SU, AMERSHAM CORP.**

9003070087 Requests registration as user of Certificates of Compliance 0694, 9056, 9036, 6717, 9007, 9033, 9032 & 9006 QA program encl. Fee paid  
WILKINS, T.L. Pipeline Inspection & Engineering, Inc. 90/02/28 GORDON, L. NRC - No Detailed Affiliation Given. 7pp 52887 310-52887 318

9003210169 Notification of registration as user of Models 6717-B, AI 500 SU, 650, 660, 660E & C-1, per 900222 request  
MACDONALD, C.E. Transportation Branch 90/03/13 WALLS, H. Centenor Service Co. 1p. 53132 220-53132 220

9003210170 Advises that Certificates of Compliance 9006 & 9141 expire on 900531 Application for renewal of certificates should be submitted at least 30 days prior to expiration date. If renewal not desired, NRC should be notified  
MACDONALD, C.E. Transportation Branch 90/03/13 ROUGHAN, C. Amersham Corp. 1p. 53104 193-53104 193

**DOCKET 71-9007 MODEL: 520, TECH/OPS, INC.**

9003070087 Requests registration as user of Certificates of Compliance 0694, 9056, 9036, 6717, 9007, 9033, 9032 & 9006 QA program encl. Fee paid  
WILKINS, T.L. Pipeline Inspection & Engineering, Inc. 90/02/28 GORDON, L. NRC - No Detailed Affiliation Given. 7pp 52887 310-52887 318

**DOCKET 71-9010 MODEL: NLI-1/2, NUCLEAR ASSURANCE CORP.**

9003090063 Application for ltr amend to Certificate of Compliance 9010, Rev 27 for Model NLI-1/2 to permit shipment of 20 PWR rods on 900312 as part of experimental high burnup program, Table listing PWR rod source values encl  
WELLS, A.H. Nuclear Assurance Corp. 80/03/07 MACDONALD, C.E. Transportation Branch 5pp. 52967 196-52967 200

**9003260184** Amends Rev 27 to Certificate of Compliance 9010 for Model NLI-1/2 to authorize in Configuration A or B contents of up to 20 fuel rods w/max initial enrichment of 3.7 w/o in U-235 isotope Approval record encl.  
MACDONALD,C.E. Transportation Branch. 90/03/21. WELLS,A.H. Nuclear Assurance Corp. 2pp. 53158:192-53158:193.

**9003230320** Application for amend to Certificate of Compliance 9010 for Model NLI-1/2 shipping cask, adding Mark 22 fuel assembly to list of licensed cask contents.  
LEONARD,J.F. Energy, Dept. of. 90/03/22. MACDONALD,C. Transportation Branch. 47pp. 53146:010-53146:057.

#### DOCKET 71-9016 MODEL: TN-8, -8L, TRANSNUCLEAR, INC.

**9002230323** Application for rev to Certificate of Compliance 9015 for shipment of solid nonfissile irradiated hardware in TN-8L packaging & forwards proposed Rev 11 to SAR.  
NOLAN,D.J. Transnuclear, Inc. 90/02/14. MACDONALD,C.E. Division of Safeguards & Transportation (Post 870413). 2pp. 52715:044-52715:045.

**-9003020105** Proposed Rev 11 to SAR.  
\* Transnuclear, Inc. 90/02/14. 2pp. 52715:046-52715:047.

#### DOCKET 71-9019 MODEL: BU-7, GENERAL ELECTRIC CO.

**9003190253** Advises that QA program approval for radioactive mail package 0241 expired on 900131 & registration under provisions of 10CFR71.12 & as user of Certificates of Compliance 5908,8458 & 9019 terminated.  
MACDONALD,C.E. Transportation Branch. 90/03/12. NELSON,R.A. UNC Recovery Systems Inc. 53068:273-53068:273.

**9003210183** Forwards Rev 16 to Certificate of Compliance 9019 for Model BU-7. Approval record also encl.  
MACDONALD,C.E. Transportation Branch. 90/03/13. WINSLOW,T.P. General Electric Co. 1p. 53111:157-53111:161.

**-9003210185** Certificate of Compliance 9019, Rev 16, for Model BU-7. Approval record encl.  
MACDONALD,C.E. Transportation Branch. 90/03/13. 4pp. 53111:158-53111:161.

#### DOCKET 71-9024 MODEL: STL-201, ST. LOUIS TESTING LABORATORIES

**9003210168** Advises that Certificate of Compliance 9024 for Model STL-201 expires on 900531. Renewal must be requested within 30 days of expiration. If renewal not desired, NRC should be so notified.  
MACDONALD,C.E. Transportation Branch. 90/03/13. TROWBRIDGE,C.D. St. Louis Testing Laboratories, Inc. 1p. 53111:360-53111:360.

#### DOCKET 71-9027 MODEL: 741 & 741E, AMERSHAM CORP.

**9003070147** Requests registration as user of encl Certificates of Compliance 9027,9032,9033,9038,9058 & 9107.  
MANGER,M.G. Midwest Industrial X-Ray, Inc. 90/02/26. BAGGETT,S. Division of Safeguards & Transportation (Post 870413). 1p. 52890:298-52890:309.

**9003070149** Requests registration as user of listed gamma radiographic exposure devices.  
MANGER,M.G. Midwest Industrial X-Ray, Inc. 88/07/15. Region 4, Ofc of the Director. 1p. 52890:297-52890:309.

**9003230148** Notification of registration as user of Models 741,741E,660, 660,660E,C-1, SPEC 2-T & 771, per 900226 request.  
MACDONALD,C.E. Transportation Branch. 90/03/21. MANGER,M.G. Midwest Industrial X-Ray, Inc. 1p. 53148:002-53148:002.

#### DOCKET 71-9028 MODEL: 684 & 684E, AMERSHAM CORP.

**900220492** Requests addl info identified in encl in response to 800814 application for amend to Model 684 package. Addl info requested should be submitted in form of revised pages 30 days from ltr date.  
MACDONALD,C.E. Transportation Branch. 90/02/09. ROUGHAN,C.M. Amersham Corp. 1p. 62703:198-62703:198.

#### DOCKET 71-9032 MODEL: 660, AMERSHAM CORP.

**900230540** Notification of registration as user of Certificates of Compliance 9032 & 9033, in response to 900125 request.  
MACDONALD,C.E. Transportation Branch. 90/02/14. MARTIN,G.W. Fowell Geotechnical Engineering, Ltd. 1p. 62716:086-62716:086.

**9002260150** Notification of registration as user of Certificate of Compliance 9032, in response to 900129 request. Branch records indicate that Delta Air Lines, Inc. previously registered as user of Certificate of Compliance 9032. No action necessary.  
MACDONALD,C.E. Transportation Branch. 90/02/14. BAILEY,R. Delta Air Lines, Inc. 1p. 52739:274-52739:274.

**9002260570** Notification of registration as user of Certificates of Compliance 9032 & 9033, in response to 900212 request.  
MACDONALD,C.E. Transportation Branch. 90/02/14. MALINOSKI,J.W. Navy, Dept. of. 1p. 52739:078-52739:078.

**900270148** Advises of registration as user of Certificates of Compliance 9032 & 9033, per 900118 request.  
MACDONALD,C.E. Transportation Branch. 90/02/14. MALINOSKI,J.W. Navy, Dept. of, Naval Sea Systems Command. 1p. 52748:098-52748:098.

**900270031** Requests registration as user of Models 650 & 660 under Certificates of Compliance 9032 & 9033.  
\* Navy, Dept. of, Naval Sea Systems Command. 90/02/20. Transportation Branch. 1p. 52749:222-52749:222.

**9002270127** Notification of registration as user of Certificate of Compliance 9032, per 900125 request.  
MACDONALD,C.E. Transportation Branch. 90/02/21. BOAN,J.R. Georgia Power Co. 1p. 52748:094-52748:094.

**9002270250** Notification of registration as user of Certificates of Compliance 9032 & 9033, per 900205 request.  
MACDONALD,C.E. Transportation Branch. 90/02/21. SMITH,L. Senior Green, Inc. 1p. 52758:107-52758:107.

**9003070147** Requests registration as user of encl Certificates of Compliance 9027,9032,9033,9038,9058 & 9107.  
MANGER,M.G. Midwest Industrial X-Ray, Inc. 90/02/26. BAGGETT,S. Division of Safeguards & Transportation (Post 870413). 1p. 52890:298-52890:309.

**-9003070149** Requests registration as user of listed gamma radiographic exposure devices.  
MANGER,M.G. Midwest Industrial X-Ray, Inc. 88/07/15. Region 4, Ofc of the Director. 1p. 52890:297-52890:309.

**9003070087** Requests registration as user of Certificates of Compliance 684,9058,9038,8717,9007,9033,9032 & 9006 QA program encl. Fee paid.  
WILKINS,T.L. Pipeline Inspection & Engineering, Inc. 90/02/28. GORDON,L. NRC - No Detailed Affiliation Given. 7pp. 52887:310-52887:316.

**9003150091** Notification of registration as user of Certificates of Compliance 9032 & 9033, per 10CFR71.12 in response to 900220 request.  
MACDONALD,C.E. Transportation Branch. 90/03/07. MALINOSKI,J.W. Navy, Dept. of. 1p. 53047:212-53047:212.

**9003210189** Notification of registration as user of Models 6717-B, AI 500 SU, 650, 660, 660E & C-1, per 900222 request.  
MACDONALD,C.E. Transportation Branch. 90/03/13. WALLS,H. Centenor Service Co. 1p. 53132:220-53132:220.

**9003230148** Notification of registration as user of Models 741,741E,650, 660,660E,C-1, SPEC 2-T & 771, per 900226 request.  
MACDONALD,C.E. Transportation Branch. 90/03/21. MANGER,M.G. Midwest Industrial X-Ray, Inc. 1p. 53148:002-53148:002.

#### DOCKET 71-9033 MODEL: 660 & 660E, AMERSHAM CORP.

**9002260086** Forwards request for info re 891201 request for amend to Model 660 package. Response required 30 days from ltr date as to when info will be provided. Addl info requested should be submitted in form of revised pages.  
MACDONALD,C.E. Transportation Branch. 90/02/13. ROUGHAN,C.M. Amersham Corp. 2pp. 52739:108-52739:108.

**9002230540** Notification of registration as user of Certificates of Compliance 9032 & 9033, in response to 900125 request.  
MACDONALD,C.E. Transportation Branch. 90/02/14. MARTIN,G.W. Fowell Geotechnical Engineering, Ltd. 1p. 52715:086-52715:086.

**9002260150** Notification of registration as user of Certificate of Compliance 9032, in response to 900129 request. Branch records indicate that Delta Air Lines, Inc. previously registered as user of Certificate of Compliance 9032. No action necessary.  
MACDONALD,C.E. Transportation Branch. 90/02/14. BAILEY,R. Delta Air Lines, Inc. 1p. 52739:274-52739:274.

**9002260241** Notification of registration as user of Certificate of Compliance 9033, in response to 900119 request.  
MACDONALD,C.E. Transportation Branch. 90/02/14. GREGORY,R.K. General Dynamics Corp. 1p. 62740:040-52740:040.

**9002260570** Notification of registration as user of Certificates of Compliance 9032 & 9033, in response to 900212 request.  
MACDONALD,C.E. Transportation Branch. 90/02/14. MALINOSKI,J.W. Navy, Dept. of. 1p. 52739:078-52739:078.

**9002270148** Advises of registration as user of Certificates of Compliance 9032 & 9033, per 900118 request.  
MACDONALD,C.E. Transportation Branch. 90/02/14. MALINOSKI,J.W. Navy, Dept. of, Naval Sea Systems Command. 1p. 52748:098-52748:098.

**9003060319** Informs that licensee has Model 660 under Certificate of Compliance 9033 in use at temporary job sites.  
KISEROW,J.A. Sergeant, Hauskins & Backwith. 90/02/15. MACDONALD,C. Office of Nuclear Material Safety & Safeguards, Director. 1p. 52851:144-52851:144.

**9002270031** Requests registration as user of Models 650 & 660 under Certificates of Compliance 9032 & 9033.  
\* Navy, Dept. of, Naval Sea Systems Command. 90/02/20. Transportation Branch. 1p. 52749:222-52749:222.

**9002270250** Notification of registration as user of Certificates of Compliance 9032 & 9033, per 900205 request.  
MACDONALD,C.E. Transportation Branch. 90/02/21. SMITH,L. Senior Green, Inc. 1p. 52758:107-52758:107.

**9003070147** Requests registration as user of encl Certificates of Compliance 9027,9032,9033,9038,9058 & 9107.  
MANGER,M.G. Midwest Industrial X-Ray, Inc. 90/02/26. BAGGETT,S. Division of Safeguards & Transportation (Post 870413). 1p. 52890:298-52890:309.

**-9003070149** Requests registration as user of listed gamma radiographic exposure devices.  
MANGER,M.G. Midwest Industrial X-Ray, Inc. 88/07/15. Region 4, Ofc of the Director. 1p. 52890:297-52890:309.

**9003060044** Advises that licensee authorized user for Amersham Models 683,660 & 100A under Certificate of Compliance 9053,9033, 9127 & 0611, respectively.  
PATTERSON,J.W. Industrial NDT Co. 90/02/28. MACDONALD,C. NRC - No Detailed Affiliation Given. 1p. 52848:094-52848:094.

## 274 DOCKETED ITEMS

**9003070087** Requests registration as user of Certificates of Compliance 0694, 9056, 9036, 6717, 9007, 9033, 9032 & 9005 QA program encl. Fee paid. WILKINS, T.L. Pipeline Inspection & Engineering, Inc. 90/02/28 GORDON, L. NRC - No Data/Related Affiliation Given. 7pp. 52887, 310-52887, 316.

**9003150091** Notification of registration as user of Certificates of Compliance 9032 & 9033, per 100227 request. MACDONALD, C.E. Transportation Branch. 90/03/07 MALNOSKI, J.W. Navy, Dept of Tp. 53047-212-53047-212.

**9003210169** Notification of registration as user of Models 6717-B, AI 500 SU, 650, 660, 660E & C-1, per 900228 request. MACDONALD, C.E. Transportation Branch. 90/03/13 WALLS, H. Center of Service Co. 1p. 53132-220-53132-220.

**9003260258** Notification of registration as user of Models 660 & 660E, per 900215. MACDONALD, C.E. Transportation Branch. 90/03/15 KISEROW, J.A. Sergeant, Hastings & Bockwith, Inc. 53175-358-53175-359.

**9003230154** Notification of registration as user of Models 660, 660E, 687, 100, 100A, 200 & 200A, per 900228 request. MACDONALD, C.E. Transportation Branch. 90/03/20 PATTERSON, J.W. Industrial NDT Co. 1p. 53174-091-53174-091.

**9003230146** Notification of registration as user of Model's 741, 741E, 650, 660, 660E, C-1, SPEC 2-T & 771, per 900228 request. MACDONALD, C.E. Transportation Branch. 90/03/21 MANGER, M.G. Midwest Industrial X-Ray, Inc. 1p. 53149-002-53149-002.

**9003260586** Requests registration of user of Amersham Models 660, 50-A & 6717-B & Gamma Century S. WIGGINS, D.C. TET, Inc. 90/03/26 MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 1p. 53175-360-53175-360.

### DOCKET 71-9034 MODEL: TRIGA-1, GA TECHNOLOGIES, INC.

**9002260060** Forwards request for addl info re 900116 request for renewal of Certificate of Compliance 9034 for Model TRIGA-1 package. Requested info should be provided 80 days from date of ltr. MACDONALD, C.E. Transportation Branch. 90/02/15 ASMUSSEN, K. General Atomics (formerly GA Technologies, Inc./General Atoms Co.) 2pp. 52739-088-52739-087.

### DOCKET 71-9036 MODEL: C-1, SOURCE PRODUCTION & EQUIPMENT CO., INC.

**9003010453** Requests registration as user of radioactive mail packages 6717, 9036, 9056 & 9135. TAYLOR, G.W. Nondestructive Technical Services, Inc. 90/02/23 MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 1p. 52781-062-52781-062.

**9003070147** Requests registration as user of encl Certificates of Compliance 9027, 9032, 9033, 9036, 9056 & 9107. MANGER, M.G. Midwest Industrial X-Ray, Inc. 90/02/26 BAGGETT, S. Division of Safeguards & Transportation (Post 870413). 1p. 52890-298-52890-309.

**9003070149** Requests registration as user of listed gamma radiographic exposure devices. MANGER, M.G. Midwest Industrial X-Ray, Inc. 88/07/15 Region 4, Office of the Director. 1p. 52890-297-52890-309.

**9003060086** Requests registration as user of Models C-1, 6717-B, SPEC 2-T & Century S & SA. FOY, D.L. Mississippi Tank Co., Inc. 90/02/27 MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 1p. 52852-193-52852-193.

**9003070087** Requests registration as user of Certificates of Compliance 0694, 9056, 9036, 6717, 9007, 9033, 9032 & 9006 QA program encl. Fee paid. WILKINS, T.L. Pipeline Inspection & Engineering, Inc. 90/02/28 GORDON, L. NRC - No Data/Related Affiliation Given. 7pp. 52887, 310-52887, 316.

**9003120190** Requests registration as user of Model C-1 under Certificate of Compliance 9036. JACKSON, J.K. Public Service Co. of Colorado. 80/03/05 MACDONALD, C.E. Transportation Branch. 1p. 52998-322-52998-322.

**9003140055** Requests registration as user of Models C-1, SPEC 2-T, 6717-B, Gamma Century 100S & Amersham 20, 20A, 50 & 50A. ROGERS, T. Mitternigh Boler Works, Inc. 90/03/07. MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 53023-076-53023-077.

**9003210169** Notification of registration as user of Models 6717-B, AI 500 SU, 650, 660, 660E & C-1, per 900228 request. MACDONALD, C.E. Transportation Branch. 90/03/13 WALLS, H. Center of Service Co. 1p. 53132-220-53132-220.

**9003230146** Notification of registration as user of Models 6717-B, C-1, SPEC 2-T & Century S & SA, per 900227 request. MACDONALD, C.E. Transportation Branch. 90/03/19. FOY, D.L. Mississippi Tank Co., Inc. 1p. 53173-360-53173-360.

**9003230148** Notification of registration as user of Models 741, 741E, 650, 660, 660E, C-1, SPEC 2-T & 771, per 900228 request. MACDONALD, C.E. Transportation Branch. 90/03/21. MANGER, M.G. Midwest Industrial X-Ray, Inc. 1p. 53149-002-53149-002.

### DOCKET 71-9037 MODEL: TRIGA-2, GA TECHNOLOGIES, INC.

**9002270204** Requests addl info re 900116 application for renewal of Certificate of Compliance 9037.

### DOCKET 71-9053 MODEL: 683, TECH/OPS, INC.

**9003060044** Advises that licensee authorized user for Amersham Models 660, 660 & 100A under Certificate of Compliance 9053, 9033, 9127 & 9611, respectively. PATTERSON, J.W. Industrial NDT Co. 90/02/28 MACDONALD, C.E. NRC - No Data/Related Affiliation Given. 1p. 52848-084-52848-084.

**9003230154** Notification of registration as user of Models 660, 660E, 687, 100, 100A, 200 & 200A, per 900228 request. MACDONALD, C.E. Transportation Branch. 90/03/20 PATTERSON, J.W. Industrial NDT Co. 1p. 53174-091-53174-091.

### DOCKET 71-9056 MODEL: SPEC 2-T, SOURCE PRODUCTION & EQUIPMENT CO.

**9003020245** Questions discrepancy between surface dose rates measured on SPEC 2-T radiography projector & values quoted in Rev 5 to Certificate of Compliance 9056. Discrepancy may result from failure to correct for geometry effects. DOUGLAS, P.G. Amersham Corp. 89/12/15 MACDONALD, C.E. Transportation Branch. 5pp. 52836-200-52836-227.

**9003010232** Forwards calculations of Ir-192 source strength which results in surface dose rate of 200 mrem/hr. Three methods & calculated source strengths listed w/o encl. OSGOOD, N.L. Transportation Branch. 90/02/20 GARDES, G.H. Transportation Branch. 1p. 52836-089-52836-089.

**9003060150** Forwards Rev 6 to Certificate of Compliance 9056 for Model SPEC 2-T. MACDONALD, C.E. Transportation Branch. 90/02/21. DICHARRY, R.D. Source Production & Equipment Co., Inc. 1p. 52887-187-52887-190.

**9003060153** Certificate of Compliance 9056, Rev 6, for Model SPEC 2-T. Approval record encl. MACDONALD, C.E. Transportation Branch. 90/02/21. 3pp. 52887-188-52887-190.

**9003010453** Requests registration as user of radioactive mail packages 6717, 9036, 9056 & 9135. TAYLOR, G.W. Nondestructive Technical Services, Inc. 90/02/23 MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 1p. 52781-062-52781-062.

**9003070147** Requests registration as user of encl Certificates of Compliance 9027, 9032, 9033, 9036, 9056 & 9107. MANGER, M.G. Midwest Industrial X-Ray, Inc. 90/02/26 BAGGETT, S. Division of Safeguards & Transportation (Post 870413). 1p. 52890-298-52890-309.

**9003070149** Requests registration as user of listed gamma radiographic exposure devices. MANGER, M.G. Midwest Industrial X-Ray, Inc. 88/07/15 Region 4, Office of the Director. 1p. 52890-297-52890-309.

**9003060086** Requests registration as user of Models C-1, 6717-B, SPEC 2-T & Century S & SA. FOY, D.L. Mississippi Tank Co., Inc. 90/02/27 MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 1p. 52852-193-52852-193.

**9003070087** Requests registration as user of Certificates of Compliance 0694, 9056, 9036, 6717, 9007, 9033, 9032 & 9006 QA program encl. Fee paid. WILKINS, T.L. Pipeline Inspection & Engineering, Inc. 90/02/28 GORDON, L. NRC - No Data/Related Affiliation Given. 7pp. 52887, 310-52887, 316.

**9003090072** Ack receipt of Rev 6 to Certificate of Compliance 9056 for Model SPEC 2-T. All past common carrier shipments of SPEC 2-T included use of protective over-pack regardless of quantity of radioactive mail. DICHARRY, R.D. Source Production & Equipment Co., Inc. 90/02/29 MACDONALD, C.E. Transportation Branch. 1p. 52967-201-52967-201.

**9003140055** Requests registration as user of Models C-1, SPEC 2-T, 6717-B, Gamma Century 100S & Amersham 20, 20A, 50 & 50A. ROGERS, T. Mitternigh Boler Works, Inc. 90/03/07. MACDONALD, C.E. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 53023-076-53023-077.

**9003230138** Notification of registration as user of Models 6717-B, C-1, SPEC 2-T & Century S & SA, per 900227 request. MACDONALD, C.E. Transportation Branch. 90/03/19. FOY, D.L. Mississippi Tank Co., Inc. 1p. 53173-360-53173-360.

**9003230148** Notification of registration as user of Models 741, 741E, 650, 660, 660E, C-1, SPEC 2-T & 771, per 900228 request. MACDONALD, C.E. Transportation Branch. 90/03/21. MANGER, M.G. Midwest Industrial X-Ray, Inc. 1p. 53149-002-53149-002.

### DOCKET 71-9079 MODEL: NUPAC 140-2, NUCLEAR PACKAGING, INC.

**9002260490** Notification of registration as user of Certificate of Compliance 9079. MACDONALD, C.E. Transportation Branch. 90/02/14. BOWERS, R.R. Cleveland Electric Illuminating Co. 1p. 52722-175-52722-175.

**9003010447** Requests registration as user of Models CNS 14-170, Series II & III; CNS 14-195H, CNS 14-215H, CNS 8-120A, CNS 8-120B, CNS 6-80-2 & NUPAC PAS-1. SPANGENBERG, F. Illinois Power Co. 90/02/27. MACDONALD, C.E. Transportation Branch. 2pp. 52791-141-52791-142.

**9003190284** Notification of registration as user of Models CNS 8-120B, 8-120C, 14-195H, 6-80-2 & 2A, HN-100, Series 3 & NUPAC 14D-2. MACDONALD, C.E. Transportation Branch. 90/03/09. SPANGENBERG, F. Illinois Power Co. 1p. 53050-286-53050-286.

84 Partial response to FOIA request for documents Forwards documents listed  
App C documents also available in PDF  
J.H. Division of Freedom of Information & Publications Services (Post  
90/03/09 CROUSE P.J. Grant, McHendrie, Haines & Crouse 3pp  
00-52929 041

537 Forwards Certificate of Compliance 9090, Rev 0 for Model 48 CM shipping

NALD,C.E. Fuel Process & Fab Branch (Pre 790727) 77/05/23 FILLIY, A.D.  
Technical Corp. 1p 52928 194-52928 194

542 Certificate of Compliance 9090, Rev 0, for Model 48 OM  
NALD,C.E. Transportation Certification Branch 77/05/23 3pp 52928 195-  
37

71-9094 MODEL: CNS 14-195-H, CHEM-NUCLEAR SYSTEMS, INC.

17 Requests registration as user of Models CNS 14-170, Series II & III, CNS 14-  
195H, CNS 8-120A, CNS 8-120B, CNS 6-80-2 & NUPAC PAS-1  
NBERG,F. Illinois Power Co. 90/02/27 MACDONALD,C.E. Transportation  
2pp 52791 141-52791 142

4 Notification of registration as user of Models CNS 8-120B, 120B, 14-195  
& 2A, HN-100, Series 3 & NUPAC 14D-2.0.  
NALD,C.E. Transportation Branch 90/03/09 SPANGENBERG,F. Illinois  
1p 53050 286-53050 286

71-9107 MODEL: 771, AMERSHAM CORP.

7 Requests registration as user of encl. Certificates of Compliance  
12, 5033, 9036, 9058 & 9107.  
M.G. Midwest Industrial X-Ray, Inc. 90/02/26 BAGGETT,S. Division of  
ds & Transportation (Post 870413) 1p 52890 296-52890 309

49 Requests registration as user of listed gamma radiographic exposure de-

M.G. Midwest Industrial X-Ray, Inc. 89/07/15 Region 4, Ofc. of the Director  
3:297-2890 309

9 Notification of registration as user of Models 741, 741F, 650, 650 650F, C-  
\*T & 771, per 900228 request.  
NALD,C.E. Transportation Branch 90/03/21 MANGER,M.G. Midwest Indus-  
y, Inc. 1p 53149 002-53149 002

1-9111 MODEL: CNS 6-80-2 & 2A, CHEM-NUCLEAR SYSTEMS, INC.

7 Requests registration as user of Models CNS 14-170, Series II & III, CNS 14-  
195H, CNS 8-120A, CNS 8-120B, CNS 6-80-2 & NUPAC PAS-1.  
NBERG,F. Illinois Power Co. 90/02/27 MACDONALD,C.E. Transportation  
1pp 52791 141-52791 142

4 Notification of registration as user of Models CNS 8-120B, 120B, 14-195  
& 2A, HN-100, Series 3 & NUPAC 14D-2.0.  
NALD,C.E. Transportation Branch 90/03/09 SPANGENBERG,F. Illinois  
1p 53050 286-53050 286

1-9128 MODEL: 20, 20A, 50, & 50A, AMERSHAM CORP.

3 Requests registration as user of Models C-1, SPEC 2-T, 6717-B, Gamma  
00S & Amersham 20, 20A, 50 & 50A  
J.T. Milnright Boiler Works, Inc. 90/03/07 MACDONALD,C.E. Office of Nu-  
clear Safety & Safeguards, Director. 2pp. 53023 076-53023 077

3 Requests registration of user of Amersham Models 660, 50-A & 6717-B &  
Century S  
J.D.C. TET, Inc. 90/03/28 MACDONALD,C.E. Office of Nuclear Material  
Safeguards, Director. 1p 53175 360-53175 360

1-9127 MODEL: 100, 100A, 200 & 200A, AMERSHAM CORP.

1 Notification of registration as user of Models 660, 660E, 667, 100, 100A, 200  
or 900228 request.  
ALD,C.E. Transportation Branch. 90/03/20. PATTERSON,J.W. Industrial  
1p 53174 091-53174 091

1-9128 MODEL: C-8, AMERSHAM CORP.

1 Advises that drawing for Model C-8 package submitted by 880923 ltr not  
at requests rev of application to include drawings which show general ar-  
t & design features of package, matls & method of const & dimensions.  
ALD,C.E. Transportation Branch. 90/02/09. ROUGHAN,C. Amersham Corp.  
312-52703 312.

1-9136 MODEL: CENTURY S & SA, CENTURY UNIVERSAL S & SA,

1 Requests registration as user of Models 40VS & Century SA under Certifi-  
cates of Compliance 9135 & 9160, respectively.  
1. Technical Micronics Control, Inc. 90/02/12 MACDONALD,C.E. Office of  
nuclear Safety & Safeguards, Director. 1p. 52800 349-52800 349.

1 Requests registration as user of radioactive matl packages  
1, 9056 & 9135.  
3 W. Nondestructive Technical Services, Inc. 90/02/23 MACDONALD,C.E.  
Nuclear Material Safety & Safeguards, Director. 1p. 52781 062-52781 062.

1 Requests registration as user of Models C-1, 6717-B, SPEC 2-T & Century S  
Mississippi Tank Co., Inc. 90/02/27. MACDONALD,C.E. Office of Nuclear  
safety & Safeguards, Director. 1p. 52852 183-52852 183.

9003090038 Advises that NRC registered licensee as user of Certificates of Compliance  
9135 & 9160, per 900212 ltr.  
MACDONALD,C.E. Transportation Branch 90/02/27 MILLER,G. Technical Micronics  
Control, Inc. 1p 52945 127-52945 127

9003140065 Requests registration as user of Models C-1, SPEC 2-T, 6717-B, Gamma  
Century 00S & Amersham 20, 20A, 50 & 50A  
ROGERS,T. Milnright Boiler Works, Inc. 90/03/07 MACDONALD,C.E. Office of Nu-  
clear Material Safety & Safeguards, Director. 2pp. 53023 076-53023 077

9003230138 Notification of registration as user of Models 6717-B, C-1, SPEC 2-T & Cen-  
tury S & SA per 9003227 request  
MACDONALD,C.E. Transportation Branch 90/03/19 FOY,D.L. Mississippi Tank Co.,  
Inc. 1p 53173 360-53173 360

9003280588 Requests registration of user of Amersham Models 660, 50-A & 6717-B &  
Gamma Century S  
WIGGINS D.C. TET, Inc. 90/03/26 MACDONALD,C.E. Office of Nuclear Material  
Safety & Safeguards Director. 1p 53175 360-53175 360

DOCKET 71-9141 MODEL: 900, AMERSHAM CORP.

9003210170 Advises that Certificates of Compliance 9006 & 9141 expire on 900531. Ap-  
plication for renewal of certificates should be submitted at least 30 days prior to expi-  
ration on date if renewal not desired, NRC should be notified.  
MACDONALD,C.E. Transportation Branch 90/03/13 ROUGHAN,C. Amersham Corp.  
1p 53104 193-53104 193

DOCKET 71-9151 MODEL: HN-100 SERIES 3, WESTINGHOUSE-HITMAN  
NUCLEAR

9003010447 Requests registration as user of Models CNS 14-170, Series II & III, CNS 14-  
195H, CNS 14-215H, CNS 8-120A, CNS 8-120B, CNS 6-80-2 & NUPAC PAS-1.  
SPANGENBERG,F. Illinois Power Co. 90/02/27 MACDONALD,C.E. Transportation  
Branch 2pp 52791 141-52791 142

9003190284 Notification of registration as user of Models CNS 8-120B, 14-195  
H, 6-80-2 & 2A, HN-100, Series 3 & NUPAC 14D-2.0.  
MACDONALD,C.E. Transportation Branch 90/03/09 SPANGENBERG,F. Illinois  
Power Co. 1p. 53050 286-53050 286

DOCKET 71-9152 MODEL: CNS 1-13C II, ENERGY, DEPT. OF

9003220116 Forwards report of damage to cask CNS 1-13C II owned by DOE-ID. Cask  
has been used principally for shipment of greater than Type A quantities of radioactive  
samples taken from plant  
STALLMAN,H.M. Energy, Dept. of Idaho Operations Office 90/02/28  
MACDONALD,C.E. Transportation Branch 3pp. 53165 261-53165 263

DOCKET 71-9157 MODEL: IR-100, INDUSTRIAL NUCLEAR CO.

9002230073 Submits addresses for certified package transport info for all radioactive  
matl's transport packaging, per request  
ERWIN,R. Sol Consultants, Inc. 90/01/30 Division of Safeguards & Transportation  
(Post 870413). 1p 52719 264-52719 264

9003190285 Notification of registration as user of Model IR-100, per 900130 request  
MACDONALD,C.E. Transportation Branch. 90/03/09. ERWIN,R. Sol Consultants, Inc.  
1p 53050 276-53050 276

DOCKET 71-9160 MODEL: 20-VS & 40-VS, AMERSHAM CORP.

9003020158 Requests registration as user of Models 40VS & Century SA under Certifi-  
cates of Compliance 9135 & 9160, respectively.  
MILLER,G. Technical Micronics Control, Inc. 90/02/12. MACDONALD,C.E. Office of  
Nuclear Material Safety & Safeguards, Director. 1p. 52800 349-52800 349.

9003080416 Requests addl info supporting 880922 application & 900124 suppl request-  
ing renewal of Certificate of Compliance 9160. NRC understands that licensee does  
not desire to fabricate addl units of Models 20-VS & 40-VS packages.  
MACDONALD,C.E. Transportation Branch. 90/02/27. BAKER,B.W. Amersham Corp.  
3pp. 52910 320-52910 322

9003090038 Advises that NRC registered licensee as user of Certificates of Compliance  
9135 & 9160, per 900212 ltr.  
MACDONALD,C.E. Transportation Branch 90/02/27. MILLER,G. Technical Micronics  
Control, Inc. 1p. 52945 127-52945 127.

DOCKET 71-9168 MODEL: CNS 8-120B, CHEM-NUCLEAR SYSTEMS, INC.

9002270235 Application for renewal of Certificate of Compliance 9168 for Model CNS 8-  
120B Rev 0 to "SAR for Chem-Nuclear Sys, Inc Model CNS 8-120B Type B Radwaste  
Shipping Cask," encl. Fee paid  
WITT,C.R. Chem-Nuclear Systems, Inc. 90/02/26. MACDONALD,C.E. Transportation  
Branch. 1p. 52723 158-52723 045.

--9002270240 Rev 0 to "SAR for Chem-Nuclear Sys, Inc Model CNS 8-120B Type B  
Radwaste Shipping Cask."  
Chem-Nuclear Systems, Inc. 90/02/28. 760pp. 52723 160-52723 045.

9003010447 Requests registration as user of Models CNS 14-170, Series II & III, CNS 14-  
195H, CNS 14-215H, CNS 8-120A, CNS 8-120B, CNS 6-80-2 & NUPAC PAS-1.  
SPANGENBERG,F. Illinois Power Co. 90/02/27. MACDONALD,C.E. Transportation  
Branch 2pp 52791 141-52791 142

9003190284 Notification of registration as user of Models CNS 8-120B, 14-195  
H, 6-80-2 & 2A, HN-100, Series 3 & NUPAC 14D-2.0.  
MACDONALD,C.E. Transportation Branch. 90/03/09. SPANGENBERG,F. Illinois  
Power Co. 1p. 53050 286-53050 286.

**DOCKET 71-9181 MODEL: PAS-2, NUCLEAR PACKAGING, INC.**

9003150019 Forwards request for add info to continue review of 890227 application for renewal of Certificate of Compliance 9181. Response requested within 90 days of ltr date  
MACDONALD,C.E. Transportation Branch 90/03/02 TEMUS,C.J. Nuclear Packaging, Inc 2pp 53033 103-53033 104.

9003120737 Forwards NUPAC Drawing X-20-220SNP,Rev C,Sheets 1,2,3 & 4, replacing drawings found in App 1.3 of NUPAC Model PAS-2 shipping package consolidated SAR for both nonproprietary (X-20-220SNP) & proprietary (X-20-220SP)  
PORTER,S.A. Pacific Nuclear Systems, Inc 90/03/08. MACDONALD,C.E. Transportation Branch 9pp 53090 001-53090 009.

**DOCKET 71-9183 MODEL: NAC-1, NUCLEAR ASSURANCE CORP.**

9003210220 Addendum application for amend to Certificate of Compliance 9183,updating design of Model NFS-4/NAC-1 Revised SAR for NFS-4/NAC-1 Spent Fuel Shipping Cask, encl  
WELLS,A.H. Nuclear Assurance Corp. 90/03/20. MACDONALD,C.E. Transportation Branch 3pp 53103 336-53104 055

-9003260582 "SAR for NFS-4/NAC-1 Spent Fuel Shipping Cask"  
Nuclear Assurance Corp 90/03/15 85pp. 53103 339-53104 055

**DOCKET 71-9184 MODEL: PAS-1, NUCLEAR PACKAGING, INC.**

9003010447 Requests registration as user of Models CNS 14-170,Series II & III,CNS 14-195H,CNS 14-215H,CNS 8-120A,CNS 8-120B,CNS 6-80-2 & NUPAC PAS-1  
SPANGENBERG,F. Illinois Power Co. 90/02/27. MACDONALD,C.E. Transportation Branch 2pp 52791 141-52791 142.

9003190284 Notification of registration as user of Models CNS 8-120B, 120B,14-195 H,6-80-2 & 2A,HN-100,Series 3 & NUPAC 14D-20.  
MACDONALD,C.E. Transportation Branch 90/03/09. SPANGENBERG,F. Illinois Power Co 1p 53050 288-53050 288.

**DOCKET 71-9189 MODEL: 9189, UNC NAVAL PRODUCTS**

9002230258 Requests consolidated application in connection w/review of 890213 request for renewal of Certificate of Compliance 9189 to include listed items,including re's of 840202 application & 830425,0501 & 21 suppls  
MACDONALD,C.E. Fuel Cycle Safety Branch 90/02/13 KIRK,W.F. United Nuclear Corp 1p 52715 219-52715 219

**DOCKET 71-9200 MODEL: 125-B, ENERGY, DEPT. OF**

9003120723 Withdraws Rev 11 to SAR application for NuPac Model 125-B shipping package  
PORTER,S.A. Pacific Nuclear Systems, Inc 90/03/08. MACDONALD,C.E. Transportation Branch 1p 52998 321-52998 321.

**DOCKET 71-9204 MODEL: CNS 10-160B, CHEM-NUCLEAR SYSTEMS, INC.**

9003260008 Forwards request for add info re application of approval of Model CNS 10-160B NRC requests revised pages to operating procedures,acceptance tests & maint program & fabrication  
MACDONALD,C.E. Transportation Branch 90/03/14. PAQUIN,P.L. Chem-Nuclear Systems, Inc 3pp 53147 119-53147 121.

**DOCKET 71-9206 MODEL: TN-REG, TRANSNUCLEAR, INC.**

9003120813 Forwards corrected Page 5-1 of SAR Chapter 5.0, "Shielding Evaluation," containing correct values used to calculate neutron dose rate.  
NOLAN,D.J. Transnuclear, Inc. 90/03/07. MACDONALD,C.E. Transportation Branch. 3pp. 52998 282-52998 285.

**DOCKET 71-9218 MODEL: CNS 1-13G, CHEM-NUCLEAR SYSTEMS, INC.**

9003070103 Requests registration as user of Model CNS 1-13G under Certificate of Compliance 9218  
MIELE,M.L. Consolidated Edison Co. of New York, Inc. 90/03/02. MACDONALD,C.E. Transportation Branch. 1p. 52890 043-52890 043.

9003230151 Notification of registration as user of Model CNS 1-13G,per 900302 request.  
MACDONALD,C.E. Transportation Branch 90/03/20. MAFFEI,D.J. Consolidated Edison Co. of New York, Inc. 1p. 53149 083-53149 083.

9002230320 Advises of hold on TRUPACT-II containers affected by quality discrepancy, repts on localized wall thickness,as result of 900213-14 Insp  
TEMUS,C.J. Pacific Nuclear Systems, Inc 90/02/16. MACDONALD,C.E. Transportation Branch 1p 52715 067-52715 067.

9003070305 Responds to Temus 900216 ltr re insp of fabrication activities at fac. 7 of 900213-14 & less-than-normal wall thickness measurements for TRUPACT packaging NRC has understanding that all packagings placed in hold status  
MACDONALD,C.E. Transportation Branch 90/02/27. DAWSON,D. Nuclear Packaging, Inc 1p. 52889 112-52889 112

**DOCKET 71-9222 MODEL: HN-215H, WESTINGHOUSE HITTMAN NUCLEAR, INC**

9003160020 Responds to Wozniak 890811 ltr re use of close-fitting,open-ended carbon steel cylinder in HN-215H cask Understands that Westinghouse Radiological Svcs. Inc. will not use insert until application submitted & certificate of compliance amended  
MACDONALD,C.E. Transportation Branch 90/03/08 ROY,B. Westinghouse Radiological Svcs, Inc. 1p. 53060 023-53060 023.

**DOCKET 71-9224 MODEL: HN-190-2, WESTINGHOUSE HITTMAN NUCLEAR, INC**

9002260216 Notification of registration as user of Certificate of Compliance 9224, in response to 900202 request  
MACDONALD,C.E. Transportation Branch 90/02/14 KEISER,H.W. Pennsylvania Power & Light Co. 1p. 52721 245-52721 245

**DOCKET 71-9225 MODEL: NAC-LWT, NUCLEAR ASSURANCE CORP.**

9002230527 Responds to 900209 ltr re QA Insp Rept 71-9225/90-01 Violations corrected.Requests that NRC reconsider position re interpretation of radiographs in possession of radiographs & prepared to proceed w/arbitration process  
STOBBS,J.J. Nuclear Assurance Corp 90/02/20. MACDONALD,C.E. Transportation Branch 23pp. 52715 117-52715 142.

**DOCKET 71-9234 MODEL: NCI-21PF-1, NUCLEAR CONTAINERS, INC.**

9002260122 Forwards request for info re 890024 application for amend to Model NCI-21PF-1 package Response required 30 days from ltr date as to when info will be provided Add info requested should be submitted in form of revised pages  
MACDONALD,C.E. Transportation Branch 90/02/13 HOUSEHOLDER,W. Nuclear Containers, Inc 3pp. 52739 099-52739 101.

**DOCKET 71-9237 MODEL: 3100A, AMERSHAM CORP.**

9003210202 Submits comments on shielding section of application for Amersham package Model 3100A.Note should be added that damaged tungsten shielding disc or rod for drain line to be replaced.  
WITHEE,C. Transportation Branch 90/03/08. GARDES,G. Transportation Branch 1p. 53111 162-53111 162.

**DOCKET 71-9238 MODEL: PATHFINDER, NORTHERN STATES POWER CO.**

9003260272 Forwards request for add info to continue review of 891026 application for approval of Pathfinder vessel as radioactive mail transportation package Submitted schedule requested within 30 days of ltr date.  
MACDONALD,C.E. Transportation Branch 90/03/14. PARKER,T.M. Northern States Power Co. 3pp. 53148 022-53148 024.

**DOCKET 71-9787 MODEL: AIW-3, ENERGY, DEPT. OF, BETTIS ATOMIC POWER**

9003210195 Advises that Certificate of Compliance 9787 for Model AIW-3 power unit shipping container packaging expires on 900430. Sections on operating procedures,acceptance tests & maint programs should be reviewed to assure completeness.  
MACDONALD,C.E. Transportation Branch. 90/03/13. ENGEL,W.P. Energy, Dept of 1p. 53112 128-53112 128.

**LICENSING OF INDEPENDENT SPENT FUEL STORAGE**

**DOCKET 72-0001 GENERAL ELECTRIC CO., MORRIS OPERATIONS, 70-1308**

9002230305 Forwards Amend 7 to License SNM-2500,changing Page 18, Section 5.4.1.f,Amend changes job title to "Safety & Security Engineer."  
HAUGHNEY,C.J. Fuel Cycle Safety Branch. 90/02/15. INGELS,T.E. General Electric Co. 3pp. 52719 247-52719 256.



-9002230311 Amend 7 to SNM-2500 changing job title of "Senior Specialist Licensing & Safeguards" to "Safety & Security Engineer," in Page 18, Section 8.4.1.f of App A of license.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. 4pp. 52719:250-52719:253.

-9002230314 Advises that environ assessment or environ impact statement not warranted. Change requested due to minor administrative change.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. Fuel Cycle Safety Branch. 1p. 52719:254-52719:254.

-9002230315 Notice of consideration of issuance of Amend 7 to License SNM-2500.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/15. 2pp. 52719:255-52719:256.

9003080065 Annual rept of radonucides released to environ in all effluents in 1989.  
MCGRATH, J.E. General Electric Co. 90/02/15. Region 3, Ofc of the Director. 2pp. 52897:018-52897:019.

#### DOCKET 72-0002 VIRGINIA ELECTRIC & POWER CO., 50-280 & 50-281

9003080395 Forwards "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1989." Info re Fourth Quarter 1989 Sr-89, Sr-90 & Fe-55 analytical results for gaseous composite samples will be submitted in addendum to rept.  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 90/03/01. Document Control Branch (Document Control Desk). 2pp. 52858:132-52858:153.

-9003130164 "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1989."  
\* Virginia Power (Virginia Electric & Power Co.). 89/12/31. 20pp. 52858:134-52858:153.

#### DOCKET 72-0003 CAROLINA POWER & LIGHT CO., 50-261

9003080209 "Personnel Exposure & Monitoring Rept for 1989 for HB Robinson ISFSI," w/900227 ltr.  
MORGAN, R.E. Carolina Power & Light Co. 89/12/31. 3pp. 52910:137-52910:139.

9003070107 Forwards "Effluent & Waste Disposal Semiannual Rept for Jul-Dec 1989" & Rev 6 to ODCM.  
MORGAN, R.E. Carolina Power & Light Co. 90/02/28. Document Control Branch (Document Control Desk). 1p. 52888:074-52888:153.

-9003070157 "ISFSI Semiannual Environ Rept for HB Robinson Steam Electric Plant Unit 2 for Jul-Dec 1989."  
\* Carolina Power & Light Co. 89/12/31. 4pp. 52888:150-52888:153.

9003260352 Forwards Amend 6 to SAR for ISFSI at plant.  
CUTTER, A.B. Carolina Power & Light Co. 90/03/23. Division of Industrial & Medical Nuclear Safety (Post 870729). 2pp. 53147:129-53147:147.

-9003260359 Amend 6 to SAR for ISFSI at plant.  
\* Carolina Power & Light Co. 90/03/23. 17pp. 53147:131-53147:147.

#### DOCKET 72-0004 DUKE POWER CO., 50-269, 50-270 & 50-287

8912050026 Requests Commission authorization for NMSS to issue initial license authorizing Duke Power Co to possess spent fuel from Oconee in ISFSI on plant site. ISFSI will employ NUTECH concrete module & steel canister dry storage sys.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. SECY-89-355. 89/11/28. 161pp. 52737:057-52737:217.

9002230272 Advises of Commission approval of issuance of proposed license for dry concrete module storage of spent fuel. Requests that NRC inform Commission of utility decommissioning plan after review.  
CHILK, S.J. Office of the Secretary of the Commission. 90/01/12. TAYLOR, J.M. Ofc of the Executive Director for Operations. 1p. 52727:098-52727:098.

9003140434 Informs that initial spent fuel loading schedule has been delayed until 900611 due to mfg & delivery delays. Updated SAR will not be submitted prior to 900811.  
TUCKER, H.B. Duke Power Co. 90/03/12. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 52896:258-52896:260.

#### DOCKET 72-0006 CAROLINA POWER & LIGHT CO., 50-324 & 50-325

9003230212 Confirms 900404 visit to plant re environ review for ISFSI, per 900314 telcon.  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/03/20. EURY, L.W. Carolina Power & Light Co. 2pp. 53174:193-53174:194.

#### DOCKET 72-0007 CONSUMERS POWER CO., 50-255

9003200420 Forwards license application for constructing & operating ISFSI at Palisades Nuclear Power Plant. Decommissioning plan, emergency plan, QA program & personnel training program encl w/application.  
BERRY, K.W. Consumers Power Co. 90/03/12. Division of Industrial & Medical Nuclear Safety (Post 870729). 4pp. 53076:090-53076:363.

-9003200423 Application for license to construct & operate dry cask ISFSI at Palisades Nuclear Plant.  
\* Consumers Power Co. 90/03/12. 58pp. 53076:094-53076:151.

-9003200434 "Palisades SAR"  
\* Pacific Sierra Nuclear Associates. 89/10/31. 212pp. 53076:152-53076:363.

#### DOCKET 72-0008 BALTIMORE GAS & ELECTRIC CO., 50-317 & 50-318

9002230097 Forwards notice of consideration of issuance of mail license for storage of spent fuel & opportunity for hearing on 891221 request to allow storage of spent fuel in dry storage concrete module sys at ISFSI.  
SJOBLOM, G.L. Fuel Cycle Safety Branch. 90/02/02. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52719:111-52719:118.

-9002230099 Notice of consideration of issuance of mail license for storage of spent fuel & opportunity for hearing on 891221 application to allow storage of spent fuel in dry storage concrete module sys at ISFSI.  
SJOBLOM, G.L. Fuel Cycle Safety Branch. 90/02/02. 6pp. 52719:113-52719:118.

9002260131 Forwards request for addl info in response to QA program for plant ISFSI submitted w/891221 application.  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/02/20. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 52738:270-52738:272.

9002260141 Denies 891221 request for withholding info re calculation data, results of design calculations & component design details & critical dimensions from public disclosure per 10CFR2.790. Info not proprietary & will be placed in PDR.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/21. CREEL, G.C. Baltimore Gas & Electric Co. 2pp. 52739:204-52739:205.

9003270227 Forwards proprietary Rev 1 to "ISFSI SAR" w/amended affidavit. Rev withheld.  
CREEL, G.C. Baltimore Gas & Electric Co. 90/03/23. Ofc of Nuclear Material Safety & Safeguards, Director. 4pp. 53164:073-53164:078.

#### DOCKET 72-0009 PUBLIC SERVICE CO. OF COLORADO, 50-287

9002220434 Notification of 900215 meeting w/util in Rockville, MD to discuss ISFSI. Meeting agenda encl.  
RUFFIN, S.R. Fuel Cycle Safety Branch. 90/02/09. ROBERTS, J.P. Fuel Cycle Safety Branch. 3pp. 52705:353-52705:355.

9002260220 Discusses NRC/PSC 891013 meeting re license application for dry spent fuel storage under 10CFR72.  
ROBERTS, J.P. Fuel Cycle Safety Branch. 90/02/22. CRAWFORD, A.C. Public Service Co. of Colorado. 2pp. 52721:246-52721:247.

9003060173 Summary of 900215 meeting w/util in Rockville, MD re ISFSI application. Util presented plan re proposed 10CFR50, App B program for ISFSI. Agenda & viewgraphs encl.  
RUFFIN, S.R. Fuel Cycle Safety Branch. 90/03/01. HAUGHNEY, C.J. Fuel Cycle Safety Branch. 48pp. 52851:315-52852:002.

## ICCRR COMMISSION MEETING RECORDS

9002220551 Transcript of 900208 public meeting for affirmation/discussion and vote in Rockville, MD Pp 1-3  
\* Commissioners: 90/02/08 7pp 52703 189-52703.195

9002220642 Transcript of Commission 900130 public meeting in Rockville, MD for briefing on status of proposed rule on license renewal Pp 1-74. Related documentation encl  
\* Commissioners: 90/01/30 97pp 52713 229-52713.325

9002220131 Advises that Commission approved proposed response to DCE re transfer of high enriched U from Japan to France for cold scrap recovery.  
CHILK.S.J. Office of the Secretary of the Commission 90/01/16 SHEA J.R. International Programs 1p 52727 095-52727 095

9002220272 Advises of Commission approval of issuance of proposed license for dry concrete module storage of spent fuel. Requests that NRC inform Commission of utility decommissioning plan after review.  
CHILK.S.J. Office of the Secretary of the Commission 90/01/12 TAYLOR,J.M. Ofc of the Executive Director for Operations 1p 52727 096-52727 095

9003020286 Transcript of periodic briefing on operating reactors & fuel facilities on 900215 in Rockville, MD Pp 1-77 Viewgraphs & briefing handouts encl  
\* Commissioners: 90/02/15 86pp 52836 094-52836 180

9003020300 Transcript of affirmation/discussion and vote on 900215 in Rockville, MD on SECY-90-13 re final rule to prohibit agreements on employment to restrict free flow of info to NRC Pp 1-4  
\* Commissioners: 90/02/15 9pp 52826 248-52826 255.

9003020087 Transcript of 900214 public meeting in Rockville, MD re status of industry implementation of USIs Pp 1-49  
\* Commissioners: 90/02/14 62pp 52834 290-52834 352

9003020173 Staff requirements memo re briefing on status of industry implementation of USIs. Commission also requested staff to continue to ensure timely & acceptable implementation of USIs.  
CHILK.S.J. Office of the Secretary of the Commission M900214 90/03/02 TAYLOR,J.M. Ofc of the Executive Director for Operations 1p 52897 081-52897 081

9003020224 Staff requirements memo re 900130 briefing on status of proposed rule on licensing renewal in Rockville, MD to extend OLRs beyond 40 yrs of commercial operation.  
CHILK.S.J. Office of the Secretary of the Commission M900130 90/03/06 TAYLOR,J.M. Ofc of the Executive Director for Operations 2pp 52893 270-52893 271

9003020265 Staff requirements memo re 900215 periodic briefing in Rockville, MD on status of operating reactors & fuel facilities. Plants listed as Category 2 should continue to be closely monitored.  
CHILK.S.J. Office of the Secretary of the Commission M900215 90/03/02 TAYLOR,J.M. Ofc of the Executive Director for Operations 1p 52904 041-52904 041

9003020291 Staff requirements memo re 900215 affirmation/discussion and vote in Rockville, MD on SECY-90-013, "Final Rule to Prohibit Agreements re Employment That Would Restrict Free Flow of Info to Commission." Commissioners Curtiss comments encl  
CHILK.S.J. Office of the Secretary of the Commission M900215B 90/03/02 PARLER,W.C. Office of the General Counsel (Post 860701) 2pp 52893 131-52893 132.

9003020278 Advises that Commission has not objected to proposed renewal of Nuclear Safety Research Review Committee for addl 2-yr period. Charter will be signed & filed w/ Congress & FR notice will be published.  
CHILK.S.J. Office of the Secretary of the Commission: 90/02/09 TAYLOR,J.M. Ofc of the Executive Director for Operations 1p 53013 190-53013 190

9003150285 Transcript of annual briefing on medical use of byproduct mail on 900220 in Rockville, MD. Pp 1-70 Viewgraphs encl  
\* Commissioners: 90/02/20 100pp 53028 235-53028 334.

9003210300 Staff requirements memo re 900301 affirmation/discussion and vote in Rockville, MD  
CHILK.S.J. Office of the Secretary of the Commission M900301 90/03/12 PARLER,W.C. Office of the General Counsel (Post 860701) 2pp 53104 241-53104 242.

9003230103 Transcript of 900301 affirmation/discussion and vote in Rockville, MD Pp 1-11.  
\* Commissioners: 90/03/01 15pp 53174 234-53174 247

9003260242 Transcript of ACNW 900221 briefing in Rockville, MD Pp 1-79.  
\* Advisory Committee on Nuclear Waste: 90/02/21 83pp 53175 192-53175 283

## ACNW ADVISORY COMMITTEE ON NUCLEAR WASTE

9002260533 Forwards CNWRA 90-006, "Qualification Studies on Finite Element Code HONDO II Against Some Benchmark Analytical Problems."  
STILTENPOLE,B. Program Management, Policy Development & Analysis Staff (Post 870413), HLWR 90/02/22 MAJOR,R. Advisory Committee on Nuclear Waste 2pp 52762 001-52762 048.

9003010438 Transcript of 17th ACNW meeting on 900221 in Bethesda, MD. Pp 1-103.  
\* Advisory Committee on Nuclear Waste: 90/02/21 128pp 52781 286-52782 083.

9003010456 Transcript of 17th ACNW meeting on 900222 in Bethesda, MD. Pp 104-264 Related documentation encl.  
\* Advisory Committee on Nuclear Waste: 90/02/22 196pp 52773 236-52774 071.

9003260242 Transcript of ACNW 900221 briefing in Rockville, MD Pp 1-79.  
\* Advisory Committee on Nuclear Waste: 90/02/21 83pp 53175 192-53175 283.

9003270009 Summarizes ACNW 13th meeting on 890913-15 in Bethesda, MD  
MOELLER,D.W. Advisory Committee on Nuclear Waste 89/10/03 CARR,K.M. Commissioners 5pp 53164 014-53164 018

9003270013 Summarizes ACNW 18th meeting on 900124-25  
MOELLER,D.W. Advisory Committee on Nuclear Waste 90/02/09 CARR,K.M. Commissioners 6pp 53164 172-53164 177

9003270016 Summarizes ACNW 15th meeting on 891220 Tentative agenda for future meeting encl  
MOELLER,D.W. Advisory Committee on Nuclear Waste 90/01/22 CARR,K.M. Commissioners 6pp 53164 250-53164 264.

9003270300 Summary of 12th ACNW meeting on 890628-30 in Bethesda, MD  
\* Advisory Committee on Nuclear Waste: 89/08/28 Advisory Committee on Nuclear Waste 41pp 53164 279-53164 319

9003270301 Summary of 14th ACNW meeting on 891011-13 in Bethesda, MD  
\* Advisory Committee on Nuclear Waste: 89/12/20 Advisory Committee on Nuclear Waste 36pp 53164 130-53164 165

9003270315 Summary of 15th ACNW meeting on 891220 in Bethesda, MD  
\* Advisory Committee on Nuclear Waste: 90/01/25 Advisory Committee on Nuclear Waste 22pp 53163 327-53163 358.

9003300121 Provides program plan for period from 900101-0430 per 891106 request. Plans for 16, 17, 18, 19 & 20th meetings on 900124-28, 0221-23, 0321-23, 0426-27 & 0523-25, respectively, included.  
MOELLER,D.W. Advisory Committee on Nuclear Waste 89/12/29 CARR,K.M. Commissioners 7pp 53163 352-53163 359

## ACRS ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

8910060042 Summarizes 351st ACRS meeting on 890713-14 ACRS decided to review proposed power increase for Indian Point Unit 2 & not to review proposed amendments to 10CFR21 Future agenda items listed.  
REMICK,F.J. ACRS - Advisory Committee on Reactor Safeguards 89/08/07 CARR,K.M. Commissioners 3pp 52816 000-52816 011

8910060263 Summarizes 352nd ACRS meeting on 900810-11 Encl ltr re proposed resolution on Generic Issue 79 prepared & ACRS decision to review proposed restart of facility noted Future agenda items listed.  
REMICK,F.J. ACRS - Advisory Committee on Reactor Safeguards 89/09/05 CARR,K.M. Commissioners 2pp 52816 012-52816 014

8911290338 Summarizes ACRS 354th meeting on 891005-06 re Generic Issues B-56, "Dose, Generator Reliability" & B7, "Failure of HPCI Steam Line W/o Isolation."  
REMICK,F.J. ACRS - Advisory Committee on Reactor Safeguards 89/11/06 CARR,K.M. Commissioners 3pp 52785 203-52785 205

8912290081 Summarizes 355th ACRS meeting on 891116-18 re Draft Suppl 2 to Generic Ltr B8-20, "Accident Mgt Strategies for Consideration in Individual Plant Exam Process" & proposed resolution to Generic Issue B7.  
MICHELSON,C. ACRS - Advisory Committee on Reactor Safeguards GL-88-20 89/12/11 CARR,K.M. Commissioners 6pp 52785 273-52785 278

9001190263 Discusses summary report of ACRS 356th meeting on 891214-15  
MICHELSON,C. ACRS - Advisory Committee on Reactor Safeguards 90/01/09 CARR,K.M. Commissioners 4pp 52785 279-52785 282

9002230519 Comments on utility proposed power level increase for facility, per ACRS 358th meeting on 900208-10.  
MICHELSON,C. ACRS - Advisory Committee on Reactor Safeguards 90/02/15 CARR,K.M. Commissioners 2pp 52816 007-52816 008

9002270194 Advises that ACRS has appropriate mechanisms in place to review & evaluate US & foreign nuclear plant operating experience & to advise Commission in important areas per 900212 request.  
MICHELSON,C. ACRS - Advisory Committee on Reactor Safeguards 90/02/15 CARR,K.M. Commissioners 5pp 52758 128-52758 130

9002270392 Discusses coherence in regulatory process. Believes ultimate solution to coherence question must include provision of adequate feedback mechanism.  
LEWIS,H.W. ACRS - Advisory Committee on Reactor Safeguards 90/02/15 CARR,K.M. Commissioners 5pp 52759 244-52759 248

9002270463 Summary of ACRS 890829-30 meeting w/NRC in Region I ofc to review activities under purview of Reg on Including restart, panel enforcement policy, plant maint programs & regional insp activities. Viewgraphs encl.  
\* ACRS - Advisory Committee on Reactor Safeguards: 90/02/21 ACRS - Advisory Committee on Reactor Safeguards 41pp 52745 245-52745 285.

9002280041 Summary of ACRS Subcommittee on Auxiliary & Secondary Sys 890712 meeting in Bethesda, MD.  
\* ACRS - Advisory Committee on Reactor Safeguards 89/08/11 ACRS - Advisory Committee on Reactor Safeguards 25pp 52760 285-52760 309.

9002280043 Summarizes ACRS 367th meeting on 900111-12 re resolution of Interfacing sys LOCA issue, proposed rule on emergency preparedness (10CFR52) on licensing for nuclear power plants & nuclear power plant incidents & events.  
MICHELSON,C. ACRS - Advisory Committee on Reactor Safeguards 90/02/06 CARR,K.M. Commissioners 4pp 52785 238-52785 241.

9002280070 Submits summary of actions discussed at ACRS 353rd meeting on 890907-09, including repis & ltrs, other actions, agreements, assignments & requests & future agenda.  
REMICK,F.J. ACRS - Advisory Committee on Reactor Safeguards 89/10/04 CARR,K.M. Commissioners 2pp 52778 010-52778 011.

- 9002280096 Summarizes ACRS Regulatory Policies & Practices Subcommittee meeting on 8/11/15 in Bethesda, MD re how to integrate regulatory process  
\* ACRS - Advisory Committee on Reactor Safeguards 8/11/15. ACRS - Advisory Committee on Reactor Safeguards 13pp 52779 188-52779 210
- 9002280099 Summarizes ACRS Thermal Hydraulic Phenomena Subcommittee 8/11/14 meeting in Bethesda, MD re NRC-RES thermal hydraulic research program, including future research needs & react. ACRS is commenting on thermal hydraulic research.  
\* ACRS - Advisory Committee on Reactor Safeguards 8/11/15. ACRS - Advisory Committee on Reactor Safeguards 38pp 52760 052-52760 089
- 9002280102 Summarizes 8/11/03 ACRS Subcommittee meeting in Bethesda, MD to continue discussion & review of WAPWR design & open items re NRC draft SER  
\* ACRS - Advisory Committee on Reactor Safeguards 8/11/15. ACRS - Advisory Committee on Reactor Safeguards 25pp 52761 048-52761 072
- 9002280146 Discusses NRC Safety Research Program per Section 23 of Atomic Energy Act of 1954, as amended Focused reports on specific research issues will be provided to Congress rather than one all-inclusive annual report  
MICHELSON, C. ACRS - Advisory Committee on Reactor Safeguards 9/02/15  
QUAYLE, J.D. Senate, President of the Senate 8pp 52760 011-52760 022
- 9002280146 Discusses NRC Safety Research Program per Section 29 of Atomic Energy Act of 1954, as amended Focused reports on specific research issues will be provided to Congress rather than one all-inclusive annual report  
MICHELSON, C. ACRS - Advisory Committee on Reactor Safeguards 9/02/15  
QUAYLE, J.D. Senate, President of the Senate FOLEY, T.S. House of Rep. Speaker of the House 6pp 52988 126-52988 139
- 9002280169 Summarizes ACRS 349th meeting on 8/05/03 re NRC Human Factors Program & initiatives Recommends that human factors research effort be initiated to develop improved methodology for training of resident inspectors  
REMICK, F.J. ACRS - Advisory Committee on Reactor Safeguards 8/05/03  
ZECH, L.W. Commissioners 2pp 52988 140-52988 141
- 9002280188 Summarizes ACRS 349th meeting on 8/05/03 re second draft of NUREG-1150, "Severe Accident Risks Assessment for Five US Nuclear Power Plants"  
REMICK, F.J. ACRS - Advisory Committee on Reactor Safeguards 8/05/03  
ZECH, L.W. Commissioners 3pp 52988 142-52988 175
- 9002280183 Summary of ACRS Subcommittee for Severe Accidents 8/09/02 meeting in Bethesda, MD  
\* ACRS - Advisory Committee on Reactor Safeguards 8/10/13. ACRS - Advisory Committee on Reactor Safeguards 47pp 52761 271-52761 317
- 9002280165 Summary of ACRS Subcommittee for Safety Philosophy, Technology and Criteria meeting on 8/09/26 in Bethesda, MD on concept of adequate protection re safety goals.  
\* ACRS - Advisory Committee on Reactor Safeguards 8/10/04. ACRS - Advisory Committee on Reactor Safeguards 9pp 52761 001-52761 009
- 9002280169 Summary of ACRS Subcommittee on Human Factors 8/09/27 meeting in Bethesda, MD to review access authorization rule & performance indicators  
\* ACRS - Advisory Committee on Reactor Safeguards 8/12/04. ACRS - Advisory Committee on Reactor Safeguards 13pp 52761 010-52761 022
- 9002280173 Summary of ACRS Subcommittee on Advanced PWRs (WAPWR SP/90) 8/09/28 meeting in Bethesda, MD  
\* ACRS - Advisory Committee on Reactor Safeguards 8/10/20. ACRS - Advisory Committee on Reactor Safeguards 18pp 52761 339-52761 356
- 9002280178 Summary of ACRS Subcommittee on AC/DC Power Sys Reliability 8/10/02 meeting in Bethesda, MD re proposed final resolution of Generic Issue B-56, "Diesel Generator Reliability" & proposed Reg Guide 1.9, Rev 3  
\* ACRS - Advisory Committee on Reactor Safeguards 8/10/11. ACRS - Advisory Committee on Reactor Safeguards 11pp 52760 039-52760 049
- 9002280188 Summary of ACRS Subcommittee on Mechanical Components 8/10/03 meeting in Bethesda, MD re C. Michelson concerns on Generic Ltr 89-10 & motor-operated valve failures to close against velocity flow.  
\* ACRS - Advisory Committee on Reactor Safeguards 8/11/14. ACRS - Advisory Committee on Reactor Safeguards 6pp 52759 292-52759 297
- 9002280195 Summary of ACRS Joint Subcommittees on Containment Sys & Structural Engineering 8/10/17 meeting in Rosemont, IL  
\* ACRS - Advisory Committee on Reactor Safeguards 8/10/25. ACRS - Advisory Committee on Reactor Safeguards 58pp 52761 159-52761 216
- 9002280197 Summary of ACRS Subcommittee on Human Factors 8/06/07 meeting in Bethesda, MD re Commission policy statement for senior operators & shift supervisors at nuclear power plants.  
\* ACRS - Advisory Committee on Reactor Safeguards 8/08/10. ACRS - Advisory Committee on Reactor Safeguards 7pp 52759 308-52759 314
- 9002280200 Summary of ACRS Human Factors Subcommittee meeting on 8/04/19 in Bethesda, MD re human factors programs & initiatives.  
\* ACRS - Advisory Committee on Reactor Safeguards 8/08/10. ACRS - Advisory Committee on Reactor Safeguards 18pp 52778 176-52778 192
- 9002280202 Summary of ACRS Subcommittee on Generic Items 8/07/12 meeting in Bethesda, MD  
\* ACRS - Advisory Committee on Reactor Safeguards 8/08/11. ACRS - Advisory Committee on Reactor Safeguards 34pp 52760 251-52760 284
- 9002280221 Forwards paper entitled, "New Nuclear Power - When & If," for info STEVENSON, J.D. Stevenson & Associates 8/06/06 2A 8/10/10 SISS, C.P. Illinois, Univ. of  
Advisory Committee on Reactor Safeguards 7pp 52759 299-52759 305
- 9002280246 Summarizes ACRS 8/08/08, 09 & 10 meetings in Rockville, MD re source characterization for plant & earthquake magnitudes  
THOMPSON, G.A. Stanford Univ., Stanford, CA 8/09/08 SEISS, C.P. Illinois, Univ. of Urbana, IL 2pp 52759 306-52759 307
- 9002280250 Forwards comments on Seabrook emergency plan, per emergency response planning appears to be more elaborate than provided for many other nuclear power sites  
BENDER, M. Quorytech Associates 8/08/22. IGNE, E.P. ACRS - Advisory Committee on Reactor Safeguards 4pp 52779 237-52779 240
- 9002280265 Summarizes 8/08/08-10 meeting in Rockville, MD re Diablo Canyon Nuclear Power Plant  
PAGE, B.M. Stanford Univ., Stanford, CA 8/08/11 SISS, C.P. Illinois, Univ. of Urbana, IL 2pp 52760 160-52760 161
- 9002280259 Summary of ACRS Joint Subcommittee on Extreme External Phenomena Severe Accident 8/09/08 meeting in Bethesda, MD  
\* ACRS - Advisory Committee on Reactor Safeguards 8/11/02. ACRS - Advisory Committee on Reactor Safeguards 9pp 52776 135-52776 143
- 9002280286 Discusses interfacing systems LOCA and ORNL precursor study Selection process not being consistent confirmed  
Affiliation Not Assigned. 8/12/15. Affiliation Not Assigned 1p 52776 174-52776 174
- 9002280287 Comments on ACRS Subcommittee on Thermal-Hydraulic Phenomena 8/11/08-09 meeting in San Francisco, CA re capability of thermal-hydraulic codes to model BWR code power instability phenomena  
TIEN, C. California, Univ. of, Irvine, CA 8/11/22 BOEHNER, P.A. ACRS - Advisory Committee on Reactor Safeguards 1p 52759 298-52759 298
- 9003010374 Summary of ACRS Containment Sys/Structural Engineering Subcommittee 8/09/12 meeting in San Francisco, CA re development of ACRS paper on containment design criteria for future plants based on present knowledge  
\* ACRS - Advisory Committee on Reactor Safeguards 8/09/26. ACRS - Advisory Committee on Reactor Safeguards 45pp 52826 180-52826 228
- 9003010027 Summarizes remarks not made at ACRS Containment Sys/Structural Engineering Subcommittee 8/09/12 meeting re possible future containment design criteria.  
KENDALL, J.M. Gas Cooled Reactor Associates 8/09/14. ACRS - Advisory Committee on Reactor Safeguards 4pp 52826 225-52826 228
- 9003010379 Summary of ACRS Joint Subcommittees on Severe Accidents & PRA meeting in Bethesda, MD to initiate ACRS review of second draft of NUREG-1150, "Severe Accident Risks Assessment for Five US Nuclear Power Plants"  
\* ACRS - Advisory Committee on Reactor Safeguards 8/10/13. ACRS - Advisory Committee on Reactor Safeguards 48pp 52791 062-52791 109
- 9003090309 Transcript of ACRS Advanced PWRs Subcommittee 9/03/06 meeting in Bethesda, MD Pp 1-258. Supporting info incl.  
\* ACRS - Advisory Committee on Reactor Safeguards 9/03/08. 351pp 52950 290-52950 290
- 9003120501 Transcript of ACRS Subcommittee on Mechanical Components 9/03/07 meeting in Bethesda, MD Pp 1-292. Supporting info incl.  
\* ACRS - Advisory Committee on Reactor Safeguards 9/03/07. 343pp 52968 214-52968 196
- 9003130003 Transcript of ACRS 359th general meeting on 9/03/08 in Bethesda, MD Pp 1-145. Supporting info incl.  
\* ACRS - Advisory Committee on Reactor Safeguards 9/03/08. 189pp 52996 001-52996 199
- 9003140039 Agrees w/ACRS comments contained in 900215 ltr on proposed power level increase that NRC should ensure that power-related license requirements levied since original license issued, will be met at new power level.  
TAYLOR, J.M. Office of the Executive Director for Operations. 9/03/05. MICHELSON, C. ACRS - Advisory Committee on Reactor Safeguards 4pp 53016 284-53016 289
- 9003150215 Forwards rept & background paper of ACRS for placement in Advisory Committee depository.  
HOYLE, J.C. Office of the Secretary of the Commission. 9/03/08. Library of Congress. 1p 53027:107-53027:183
- 9003150222 Forwards "ACRS Committee & Consultant Repts - 174," per Subsector 10(d) & Section 13 of Federal Advisory Committee Act requirements.  
SCHOFER, H.S. ACRS - Advisory Committee on Reactor Safeguards 9/03/08  
HOYLE, J.C. ACRS - Advisory Committee on Reactor Safeguards 1p 53027:108-53027:108
- 9003150236 "ACRS Committee & Consultants Repts - 174."  
\* ACRS - Advisory Committee on Reactor Safeguards 9/02/28. 65pp 53027:109-53027:183

9003230022 Discusses 359th ACRS 900308-10 meeting re proposed recommendations from containment performance improvement program for plants w/Mark II, Mark III, ice condenser & dry containments & agrees that program can now be terminated.  
MICHELSON, C. ACRS - Advisory Committee on Reactor Safeguards. GL-88-20 90/03/13 CARR, K.M. Commissioners 3pp. 53137-251-53137-253

# ADVCM NRC ADVISORY COMMITTEE

9002260533 Forwards CNWRA 90-006, "Qualification Studies on Finite Element Code HONDO II Against Some Benchmark Analytical Problems"  
STILTENPOLE, B. Program Management, Policy Development & Analysis Staff (Post 870413). HLWR, 90/02/22 MAJOR, R. Advisory Committee on Nuclear Waste. 2pp. 52762-001-52762-048.

9003010438 Transcript of 17th ACNW meeting on 900221 in Bethesda, MD. Pp 1-103.  
\* Advisory Committee on Nuclear Waste. 90/02/21. 128pp. 52781-286-52782-083.

9003010456 Transcript of 17th ACNW meeting on 900222 in Bethesda, MD. Pp 104-264 Related documentation incl  
\* Advisory Committee on Nuclear Waste. 90/02/22. 186pp. 52773-236-52774-071.

9003090278 Advises that Commission has not objected to proposed renewal of Nuclear Safety Research Review Committee for addl 2-yr period. Charter will be signed & filed w/Congress & FR notice will be published  
CHILK, S.J. Office of the Secretary of the Commission. 09/02/09. TAYLOR, J.M. Ofc of the Executive Director for Operations. 1p. 53013-180-53013-190.

9003130343 Notifies of 900320-21 meetings in Bethesda, MD to discuss automated document sys Meeting agenda incl  
HOYLE, J.C. Licensing Support System Advisory Review Panel (LSSARP). 90/02/28. BAUGHMAN, M. InterTech Consultant, Inc. 5pp. 53015-073-53015-077.

9003260242 Transcript of ACNW 900221 briefing in Rockville, MD. Pp 1-79  
\* Advisory Committee on Nuclear Waste. 90/02/21. 83pp. 53175-192-53175-283.

9003270009 Summarizes ACNW 13th meeting on 890913-15 in Bethesda, MD  
MOELLER, D.W. Advisory Committee on Nuclear Waste. 89/10/03. CARR, K.M. Commissioners 5pp. 53164-014-53164-018.

9003270013 Summarizes ACNW 16th meeting on 900124-25.  
MOELLER, D.W. Advisory Committee on Nuclear Waste. 90/02/09. CARR, K.M. Commissioners 6pp. 53164-172-53164-177.

9003270018 Summarizes ACNW 15th meeting on 891220. Tentative agenda for future meeting incl  
MOELLER, D.W. Advisory Committee on Nuclear Waste. 90/01/22. CARR, K.M. Commissioners. 6pp. 53164-259-53164-264.

9003270300 Summary of 12th ACNW meeting on 890628-30 in Bethesda, MD.  
\* Advisory Committee on Nuclear Waste. 89/08/28. Advisory Committee on Nuclear Waste. 41pp. 53164-278-53164-319.

9003270301 Summary of 14th ACNW meeting on 891011-13 in Bethesda, MD.  
\* Advisory Committee on Nuclear Waste. 89/12/20. Advisory Committee on Nuclear Waste. 36pp. 53164-130-53164-165.

9003270305 Summary of 15th ACNW meeting on 891220 in Bethesda, MD.  
\* Advisory Committee on Nuclear Waste. 90/01/25. Advisory Committee on Nuclear Waste. 22pp. 53163-327-53163-358.

9003300121 Provides program plan for period from 900101-0430 per 891108 request. Plans for 18, 17, 18, 19 & 20th meetings on 900124-26, 0221-23, 0321-23, 0426-27 & 0523-25, respectively, included.  
MOELT, E.R. D.W. Advisory Committee on Nuclear Waste. 89/12/29. CARR, K.M. Commissioners. 7pp. 53163-352-53163-358.

# COMMISSION NRC COMMISSIONERS

9001310177 Comments on schedules incorporated in DOE "Rept to Congress on Reassessment of Civilian Radwaste Mgt Program." Early interaction required to meet Sept 1990 date for NRC acceptance of DOE QA program & Jan 1991 surface testing.  
ROGERS, K.C. Commissioners. 90/01/25. WATKINS, J.D. Energy, Dept. of. 2pp. 52686-271-52686-272.

9002260159 Forwards DOE rept "Reassessment of Civilian Radwaste Mgt Program." Permanent disposal remains ultimate goal in properly managing wastes  
WATKINS, J.D. Energy, Dept. of. 89/11/29. CARR, K.M. Commissioners. 1p. 52988-273-52988-301.

9002260164 "Reassessment of Civilian Radwaste Mgt Program"  
\* Energy, Dept. of. 89/11/29. 28pp. 52988-274-52988-301.

9002220162 Responds to 900108 request that NRC withhold decision on licensing facility until concerns raised in Quality Technology Co rept for Employee Legal Project investigated. NRC continuing to evaluate rept & util 900128 response.  
CARR, K.M. Commissioners. 90/02/07. MARKEY, E.J. House of Rep. KENNEDY, E.M., KERRY, J.F. Senate. 4pp. 52785-242-52785-247.

9002220572 Forwards proposed legislation authorizing appropriations for FY91. OMB has no objection to submission of proposal to Congress & enactment of proposal in accordance w/President program.  
CARR, K.M. Commissioners. 90/02/06. FOLEY, T.S. House of Rep. 13pp. 52718-013-52718-025.

9002220591 Ack receipt of 891116 ltr conveying comments & recommendations of Organization of Agreement States from Oct 1989 All Agreement States meeting. NRC responses to issues raised at meeting incl  
CARR, K.M. Commissioners. 90/02/06. DICUS, G.J. Arkansas, State of. 18pp. 52705-266-52705-291.

9002220595 Summarizes issues discussed at annual meeting of All Agreement States. Suggests that NRC consider supporting quarterly meetings between Organization of Agreement States chairperson & State, Local & Indian Tribe Programs.  
DICUS, G.J. Arkansas, State of. 89/11/16. CARR, K.M. Commissioners. 6pp. 52705-286-52705-291.

9002230063 Advises that NRC will continue working w/C Daggett in State Liaison Officer Program unless notified of change.  
CARR, K.M. Commissioners. 90/02/08. FLORIO, J.J. New Jersey, State of. 1p. 52715-072-52715-072.

9002230381 Provides current implementation status of USIs, based on licensee responses to generic ltrs & NRR review. Based on work to date, licensees proceeding satisfactory towards implementation of all USIs.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/02/07. CARR, ROBERTS, ROGERS Commissioners. 30pp. 52988-190-52988-247.

9002260137 Responds to 800124 ltr requesting NRC response to questions re issue of whether radionuclide emissions should be exempt from regulation by EPA under Section 112 of Clean Air Act. NRC supports measures that would eliminate dual regulation.  
CARR, K.M. Commissioners. 90/02/07. SHARP, P.R. House of Rep. Energy & Commerce. 30pp. 52738-151-52738-189.

9002260152 Requests answers to listed questions re exemption of radionuclides from regulation by EPA under Section 112 of Clean Air Act be forwarded no later than 900206.  
SHARP, P.R. House of Rep. Energy & Commerce. 90/01/24. CARR, K.M. Commissioners. 5pp. 52738-181-52738-189.

9002260163 Submits rept on nondisclosure of safeguards info for quarter ending 891231 per Section 147 of Atomic Energy Act of 1954.  
CARR, K.M. Commissioners. 90/02/06. QUAYLE, J.O. Senate, President of the Senate. FOLEY, T.S. House of Rep. 2pp. 52740-213-52740-214.

9002260173 Ack receipt of ltr inviting NRC to submit written testimony on role of nuclear energy in future to assist DOE in developing natl energy strategy. Although NRC supports concept, participation will be limited.  
CARR, K.M. Commissioners. 90/02/01. YOUNG, W.H. Energy, Dept. of. 1p. 52738-226-52738-227.

9002260512 Requests written testimony on role of nuclear power in future in support of DOE development of natl energy strategy. DOE interested in obtaining suggestions as to options & obstacles to efficient production & use of energy.  
YOUNG, W.H. Energy, Dept. of. 89/12/21. NRC - No Detailed Affirmation Given. 1p. 52738-227-52738-227.

9002260231 Ack receipt of 891201 ltr supporting NRC request to transport strategic quantities of highly enriched U.  
CARR, K.M. Commissioners. 90/01/18. TUCK, J.C. Energy, Dept. of. 1p. 52739-158-52739-159.

9002260235 Submits followup on Interim 890802 ltr & provides response to 890721 ltr requesting continued DOE support for shipment of highly enriched U.  
TUCK, J.C. Energy, Dept. of. 89/12/01. CARR, K.M. Commissioners. 1p. 52739-159-52739-159.

9002260265 Nominates MS Chatterton for WISE Lifetime Achievement Award. Chatterton has outstanding record of prof achievement & has encouraged entry & advancement of women in science & engineering.  
CARR, K.M. Commissioners. 90/01/19. HUMPHRIES, J. National Science Foundation. 10pp. 52728-255-52728-264.

9002260281 Extends invitation to serve as keynote speaker for NRC program commemorating Natl Women's History Month in Mar 1990.  
CARR, K.M. Commissioners. 90/01/19. RICE, C. President of U.S. & Executive Offices. 1p. 52725-358-52725-358.

9002260298 Expresses appreciation for DOJ successful prosecution of wilful NRC violator.  
CARR, K.M. Commissioners. 90/01/17. THORNBURG, R.L. Justice, Dept. of, Attorney General, Office of. 1p. 52721-187-52721-187.

9002260478 Designates JM Taylor as contact & liaison for selection of nominees for President Executive Exchange Program. JM Taylor will also be responsible for determining appropriate assignments for any corporate executive that NRC may host.  
CARR, K.M. Commissioners. 90/01/18. HEITMAN, B. President of U.S. & Executive Offices. 1p. 52785-187-52785-189.

9002260484 Requests assistance in initiating nomination & placement process for 1990-91 executive exchange programs. Designation of two contacts will ensure timely, effective working relationship w/Commission.  
HEITMAN, B. President of U.S. & Executive Offices. 90/01/05. CARR, K.M. Commissioners. 1p. 52785-188-52785-189.

9002260491 Encourages agency participation in President Commission on Executive Exchange by nominating senior federal executives assignments in private sector & identifying assignments to be undertaken by corporate executives hosted by agency.  
SUNUNU, J.H. President of U.S. & Executive Offices. 90/01/02. Commissioners. 1p. 52785-189-52785-189.

9002260552 Discusses preliminary review of BEIR V rept, "Health Effects of Exposure to Low Levels of Ionizing Radiation BEIR V," per SECY-89-380. Suggested changes to SECY-89-380 incl  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 90/01/10. CARR, ROBERTS, ROGERS Commissioners. 5pp. 52785-190-52785-194.

9002270201 Ack receipt of 900119 ltr re planned visit of A Battaglia to US Commissioner KC Rogers will represent NRC at meeting scheduled on 900222 due to absence of author because of prior commitment.  
CARR, K.M. Commissioners. 90/02/15. PETRIGNANI, R. Italy, Govt. of. 1p. 52748-095-52748-096.

9002270260 Informs of 900218-23 visit of Italian Minister of Industry to US Meeting requested w/NRC during visit to Washington, DC on 800222-23 to discuss matters re development of new technologies in field of energy & pollution control.  
PETRIGNANI, R. Italy, Govt. of. 90/01/19. CARR, K.M. Commissioners. 1p. 52748-096-52748-096.

9002270215 Forwards NUREG-0030, Vol. 12, No. 3, "Rept to Congress on AOs Jul-Sept 1989." Five AOs reported during reporting period One occurred at licensed nuclear plant & involved deficiencies re containment bag recirculation pump. CARR,K.M. Commissioners 90/02/15 FOLEY,T.S. House of Rep. Speaker of the House 40pp 52785 199-52785 234

9002270278 Responds to 891219 re re approval & use of qualified insulating mats inside containment & drywell at US nuclear power plants NRC review & approval of product may not be required prior to installation or use at facilities CARR,K.M. Commissioners 90/02/15 PORTER,J. House of Rep 2pp 52759 268-52759 270

9002270281 Requests to know if NRC planning to be in process of evaluating other boards of insulation mat & for topical repts PORTER,J. House of Rep 89/12/19 CARR,K.M. Commissioners 2pp 52759 268-52759 270

9002270136 Responds to 891101 re re approval & use of qualified insulating mats inside containment at plants NRC no longer endorses specific products for use in power plants Licensees should be informed re changes TAYLOR,J.M. Ofc of the Executive Director for Operations 89/12/01 GOSS,R.M. Transco Products, Inc 2pp 52759 271-52759 272

9002270358 Responds to 891219 re re NRC acquisition of electronic publishing sys w/o Joint Committee on Printing approval NRC initiated acquisition process under prior guidelines contained in Mar 1987 FR CARR,K.M. Commissioners 90/02/13 FORD,W.H. Congress, Joint Committee on Printing 2pp 52759 020-52759 052

9002270362 Forwards, "Comprehensive Printing Program Plan for NRC." Plan includes printing & distribution activities anticipated for FY87 & projections for FY88 & FY89, where applicable. MORRIS,P.G. Ofc of Administration (Pre 870413) 86/05/10 MATHIAS,G. Congress, Joint Committee on Printing 13pp 52759 022-52759 034

9002270364 Forwards new statutory provisions & corresponding rephrasing re Executive Branch printing activities prompted by recent change in Federal Acquisition Regulation ANHUNZIO,F. Congress, Joint Committee on Printing 89JCP006 88/01/21 Commissioners 2pp 52759 035-52759 036

9002270373 Forwards Joint Committee on Printing Forms 1 through 5, covering 891001-890930 GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205) 89/11/27 FORD,W.H. Congress, Joint Committee on Printing 5pp 52759 037-52759 041

9002270377 Discusses several new printing production devices Device capable of producing image on paper 11x17 inches or larger must be reviewed by Joint Committee on Printing prior to acquisition FORD,W.H. Congress, Joint Committee on Printing 89/10/19 Commissioners 8pp 52759 042-52759 049

9002270380 Submits request for info to clarify NRC acquisition of electronic publishing sys in early part of 1989 w/o advising Joint Committee on Printing FORD,W.H. Congress, Joint Committee on Printing 89/12/18 CARR,K.M. Commissioners 2pp 52759 050-52759 051

9002270384 Clarifies application of Govt Printing & Binding Regulation 24 to electronic printing sys Electronic printing sys dedicated to printing process subj to provisions of Title 44 of US Code THOMPSON,F. Congress, Joint Committee on Printing 79/02/15 Commissioners 1p 52759 052-52759 052

9002270417 Informs of Commission final conclusion on lithium controls following completion of DOE investigations per NRC 891122 re No changes in NRC regulations concerning lithium necessary based on thorough investigation CARR,K.M. Commissioners 90/02/16 MARKEY,E.J. House of Rep 3pp 52748 264-52748 268

9002280022 Responds to 891211 & 900201 concerns re radioactive waste exempt from regulatory concern & advises of intent to continue working w/Agreement States & regional compacts to develop consistent regulatory framework for exemptions CARR,K.M. Commissioners 90/02/12 LASH,T.R. Illinois, State of 17pp 52836 065-52836 068

9002280032 Requests assistance in implementing NRC Fitness-for-Duty rule & advises that below regulatory concern policy would make task of meeting federal requirement to be responsible for disposal of low level waste even more difficult LASH,T.R. Illinois, State of 90/02/01 CARR,K.M. Commissioners 2pp 52836 087-52836 088

9002280040 Expresses concern re honoring prohibition & urges remedial action be taken NRC sensitive to provision serving as disincentive to govt employment CARR,K.M. Commissioners 90/02/13 CAMPBELL,D.F. Office of Government Ethics 2pp 52778 169-52778 170

9003010225 Comments on 40CFR61, Subpart 1 re EPA rad emission std for radoncludes under Clean Air Act NRC in full agreement w/Views already expressed by EPA & Dept of Health & Human Svcs in 891115 joint ltr to Congress CARR,K.M. Commissioners 90/02/12 REILLY,W.K. Environmental Protection Agency 12pp 52780 316-52780 327

9003020038 Weekly info rept for wk ending 900218 BLAHA,J.L. Assistant for Operations (Post 890205) 80/02/22 39pp 52795-116-52795 154

9003060025 Ack receipt of 900223 ltr re request for meeting to express views on licensing of facility Meeting inappropriate on eve of scheduled Commission action on facility license CARR,K.M. Commissioners 90/02/26 MAVROULES,N., MARKEY,E.J. House of Rep. KERRY,J.F. Senate 14pp 53363 008-53363 021

9003060027 Requests meeting to discuss licensing of facility MAVROULES,N. House of Rep. KENNEDY,E.M., KERRY,J.F. Senate 90/02/23 CARR,K.M. Commissioners 1p 52851 263-52851 263

9003060027 Weekly info rept for wk ending 900223 BLAHA,J.L. Assistant for Operations (Post 890205) 80/02/28 34pp 52847 081-52847 124

9003070041 Responds to 891226 ltr expressing concerns re progress of NRC review of EPRI advanced LWR requirements document Staff has decided that greater review should be given to review of EPRI requirements for passive plant designs CARR,K.M. Commissioners 90/02/27 KINTNER,E.E. ALWR Utility Steering Committee 5pp 52889 121-52889 127

9003070072 Recommends that NRC staff be authorized to prepare & transmit responses on requirements document chapters based on previously established guidelines for 8-9 month review schedule KINTNER,E.E. ALWR Utility Steering Committee 89/12/26 CARR,K.M. Commissioners 2pp 52889 126-52889 127

9003070277 Responds to 900209 ltr re safe operation of facility & NRC process for determining whether to issue full power license for plant Commission assures protection of public health & safety as first & primary consideration CARR,K.M. Commissioners 90/02/28 HUMPHREY,G.J. Senate 1p 52891 285

9003070282 Urges Commission not to make decision re full power license for plant w/o personally reviewing safety-related allegations raised in recent wks Commission orders found inconsistent w/responsibilities re public health & safety HUMPHREY,G.J. Senate 90/02/09 CARR,K.M. Commissioners 5pp 53053 155-53053 167

9003080359 Forwards rept on administration of FOIA by NRC for CY89 CARR,K.M. Commissioners 90/02/28 QUAYLE,J.D. Senate, President of the Senate 21pp 52888 248-52888 268

9003080463 Partial response to FOIA request for records App F records exist re PCR PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/27 DEGRAZIA,B.C. Burditt, Bowles & Radzys, Chartered (Norman, Burditt, Bowles, Radzys & Rudzow 17pp 53166 192-53170 038

9003090497 Conveys special appreciation & commendation re resolution of problem associated w/radioactive ord waste ROWDEN,M.A. Commissioners 76/07/27 GOSS,C.L.V. Ofc of the Executive Director for Operations 1p 53168 077-53168 077

9003150265 Responds to 900123 request for info re AEOD ongoing work on maintaining status of industry interest in proposed indicator per SECY 900123 "Comparison of Maint Indicator w/Maint Team Input" TAYLOR,J.M. Ofc of the Executive Director for Operations 60/02/15 ROGERS, Commissioners 2pp 53032 164-53032 167

9003150277 Requests info re AEOD efforts to confirm or validate maint effectiveness indicator recognizing industry variability in approach to maint & status of industry interest in possible use of indicator ROGERS,K.C. Commissioners 90/01/23 TAYLOR,J.M. Ofc of the Executive Director for Operations 2pp 53032 166-53032 167

9003150480 Weekly info rept for wk ending 900302 BLAHA,J.L. Ofc of the Executive Director for Operations 90/03/07 42pp 53030 150-53030 151

9003200405 Weekly info rept for wk ending 900309 BLAHA,J.L. Assistant for Operations (Post 890205) 90/03/15 40pp 53105 075-53105 075

9003230036 Weekly info rept for wk ending 900316 BLAHA,J.L. Assistant for Operations (Post 890205) 90/03/21 37pp 53126 266-53126 332

9003260041 Forwards Governors certification for Commonwealths of PR & MA & State of VT submitted re status for 1990 milestone under arch Documents processed by NRC in manner similar to first 31 certifications received CARR,K.M. Commissioners 90/03/21 QUAYLE,J.D. Senate, President of the Senate FOLEY,T.S. House of Rep., Speaker of the House 1p 53150 016-53150 030

9003260055 Forwards summary of state certifications from 33 states & Washington, DC per Low Level Radwaste Policy Amends Act of 1985 CARR,K.M. Commissioners 90/02/02 FOLEY,T.S. House of Rep., Speaker of the House 3pp 53150 028-53150 030

## CONTRACT NRC CONTRACTS AND MODIFICATIONS

9002140292 Notification of contract execution, "Transportation Drivers" Contractor: SBA Subcontractor: Diplomat Limousine & Livery Svcs, Inc SMITH,P.A. Contract Administration Branch FIN D-23248 NRC-10-90-127 69/12/15 FISHER,L. Facility Management Branch 1p 52738 122-52738 171

9002140296 Contract: "Transportation Drivers," awarded to SBA/Diplomat Limousine & Livery Svcs, Inc REED,J.A. Small Business Administration TEAMER,R.B. Diplomat Limousine & Livery Services, Inc FIN D-23249 NRC-10-90-127, 89/12/15 49pp 52736 123-52736 171

9002150076 Submits results of review of mgmt of NRC contracts w/Parameter, Inc Contractors should be used only when qualified NRC staff unavailable & NRC should document reasons for not using or using only portions of contractor rept WILLIAMS,D.C. Office of Inspector General (Post 890417) NRC-05-85-156 90/01/02 CARR, ROBERTS, ROGERS Commissioners 2pp 52629 266-52629 275

9001310400 "Review of Mgt of NRC Contracts W/Parameter, Inc." Office of Inspector General (Post 890417) NRC-05-88-158 90/01/31 8pp 52629 268-52629 275

9002202079 Notification of contract execution, Mod 13, to "Steam Generator & Steam Overfill Issues" Contractor: SBA Subcontractor: Scientech, Inc BRENNAN,P. Contract Administration Branch NRC-04-87-358 90/02/14 GUSTAVE,R.P. Program Management, Policy Development & Analysis Staff (Post 870413) NOTAFRANCESCO NRC - No Detailed Affiliation Given 1p 52714 143-52714 143

9002260170 Notification of cooperative agreement, Mod 5 "Maint & Operation of LPDR." Contractor: Polkston Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-332-00 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52739 046 52739 047

-9002260183 Mod 5, designating new project officer, to "Maint & Operation of LPDR."  
\* Polkston, PA. MACE, M.H. Contract Administration Branch NRC-10-87-332-00 90/  
02/20. 1p 52739 047 52739 047

9002260188 Notification of cooperative agreement, Mod 4 to "Maint & Operation of LPDR." Contractor: Univ of North Carolina, Wilmington  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-215 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52722 201-52722 202

-9002260191 Mod 4, changing name of project officer, to "Maint & Operation of LPDR."  
\* North Carolina, Univ. of, Wilmington, NC. MACE, M.H. Contract Administration Branch NRC-10-87-215 90/02/20 1p 52722 202 52722 202

9002260198 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Scottsboro Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-214 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52740 211-52740 212

-9002260201 Mod 4, changing name of project officer, to "Maint & Operation of LPDR."  
\* Scottsboro, AL. MACE, M.H. Contract Administration Branch NRC-10-87-214 90/  
02/20. 1p 52740 212 52740 212

9002260332 Notification of contract execution, Mod 10, to "On-Call Maint for NRC Microcomputers & Related Equipment." Contractor: Automation Management Consultants, Inc.  
CRAMPTON, S.A. Contract Administration Branch FIN B-81740 0 NRC-39-88-170  
90/02/05. KRUIZIG, P.G. Division of Computer & Telecommunications Services (Post 890205) VANDUSER, K. NRC - No Detailed Affiliation Given 1p 52722 088 52722 089

-9002260336 Mod 10, revising statement of work, to "On-Call Maint for NRC Microcomputers & Related Equipment."  
\* Automation Management Consultants, Inc. MACE, M.H. Division of Contracts & Property Management (Post 890205) FIN B-81740 0 NRC-39-88-170 90/02/05 6pp 52722 089 52722 094

9002260365 Notification of contract execution, Mod 2, to "Technical Support for NDE Van." Contractor: Thompson Engineering & Testing, Inc.  
MEEHAN, B. Contract Administration Branch NRC-28-88-269 90/01/08  
JOHNSTON, W.V. Region 1, Ofc of the Director STROSNIDER, J. NRC - No Detailed Affiliation Given 1p 52739 086 52739 088

9002260368 Mod 2, adding new clause, to "Technical Support for NDE Van."  
PAYNE, D.F. Thompson Engineering Testing, Inc. (Formerly Voster J. Thompson, Jr., Inc.) MACE, M.H. Division of Contracts & Property Management (Post 890205) NRC-28-88-269 90/01/08 2pp 52739 087 52739 088

9002260383 Notification of cooperative agreement, Mod 5, to "Maint & Operation of LPDR." Contractor: Jacobs Memorial Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-344-00 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52738 359 52738 360

9002260386 Mod 5, designating new project officer, to "Maint & Operation of LPDR."  
\* Lewis Valley Community College, Oqosby, IL. BELL, S. Division of Contracts & Property Management (Post 890205) NRC-10-87-344-00 90/02/20 1p 52738 360 52738 360

9002260427 Notification of cooperative agreement, Mod 5, to "Maint & Operation of LPDR." Contractor: Rockford Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-347 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52725 331-52725 332

9002260439 Mod 5, changing name of project officer, to "Maint & Operation of LPDR."  
\* Rockford, IL. BELL, S. Division of Contracts & Property Management (Post 890205) NRC-10-87-347 90/02/20 1p 52725 332 52725 332

9002260482 Notification of contract execution, Mod 1, to "Support of NRC Vendor Insp Program." Contractor: Parameter, Inc.  
FIELDS, J. Contract Administration Branch NRC-03-89-029 89/12/26. LAHKINS, J.T. Planning, Program & Management Support Branch (Post 870411) GRENIER, B. NRC - No Detailed Affiliation Given 1p 52738 147 52738 149

9002260485 Mod 1, adding contract security requirements, to "Support of NRC Vendor Insp Program."  
LOFF, R.A. PARAMETER, Inc. BELL, S. Division of Contracts & Property Management (Post 890205) NRC-03-89-029 89/12/26 2pp 52738 148 52738 149

9002260486 Notification of contract execution, Mod 51, to "Fuel Cycle Licensing Assistance." Contractor: SAIC  
MEEHAN, B. Contract Administration Branch FIN D-1080. NRC-02-87-004 90/02/14  
FUNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413) TIKTINSKY, D. NRC - No Detailed Affiliation Given 1p 52721 054 52721 055

9002260493 Mod 51, transferring listed funding, to "Fuel Cycle Licensing Assistance."  
\* Science Applications International Corp. (formerly Science Applications, Inc.) BELL, S. Office of Administration (Post 890205) FIN D-1080. NRC-02-87-004 90/02/14 1p 52721 055 52721 055

9002260501 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Maude Preston Pelenske Memorial Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-346 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52747 328 52747 327

9002260506 Mod 4, designating new project officer, to "Maint & Operation of LPDR."  
\* St. Joseph, MO. BELL, S. Division of Contracts & Property Management (Post 890205) NRC-10-87-346 90/02/20 1p 52747 327 52747 327

9002270105 Notification of contract execution, Mod 50, to "Fuel Cycle Licensing Assistance." Contractor: Science Applications Int'l Corp.  
MEEHAN, B. Contract Administration Branch FIN L-1245-0 NRC-02-87-004 90/02/05  
FUNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413) TIKTINSKY, D. NRC - No Detailed Affiliation Given 1p 52748 318 52748 321

-9002270110 Mod 50, initiating Mod 2 to Task Order 20 to provide incremental funding, to "Fuel Cycle Licensing Assistance."  
RODEHAN, T.J. Science Applications International Corp. (formerly Science Applications, Inc.) MACE, M.H. Division of Contracts & Property Management (Post 890205) FIN L-1245-0 NRC-02-87-004 90/02/05 3pp 52748 319 52748 321

9002270111 Notification of cooperative agreement, Mod 2, to "Maint & Operation of LPDR." Contractor: Auburn Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-39-88-200 90/02/20  
GRIMSLEY, D.H. NRC - No Detailed Affiliation Given 1p 52748 316 52748 317

-9002270118 Mod 2, designating new project officer, to "Maint & Operation of LPDR."  
\* Auburn, NE. MACE, M.H. Contract Administration Branch NRC-39-88-200 90/02/20 1p 52748 317 52748 317

9002270122 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Richland Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-39-88-208 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52759 079 52759 080

-9002270125 Mod 3, changing name of project officer, to "Maint & Operation of LPDR."  
\* Richland, WA. MACE, M.H. Division of Contracts & Property Management (Post 890205) NRC-39-88-208 90/02/20 1p 52759 080 52759 080

9002270135 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Univ of Wisconsin  
CRAMPTON, S.A. Contract Administration Branch NRC-39-88-182 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52759 058 52759 059

-9002270137 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* Wisconsin, Univ. of, Green Bay, WI. MACE, M.H. Contract Administration Branch NRC-10-88-182 90/02/20 1p 52759 059 52759 059

9002270143 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Brooks Memorial Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-350 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52759 081 52759 082

-9002270149 Mod 4, changing name of project officer, to "Maint & Operation of LPDR."  
\* Brattleboro, VT. BELL, S. Division of Contracts & Property Management (Post 890205) NRC-10-87-350 90/02/20 1p 52759 082 52759 082

9002270144 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Perry Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-437 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52748 325 52748 326

-9002270146 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* Perry, OH. MACE, M.H. Contract Administration Branch NRC-10-87-437 90/02/20 1p 52748 326 52748 326

9002270152 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Rochester Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-439 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52752 300 52752 301

-9002270154 Mod 4, changing name of project officer, to "Maint & Operation of LPDR."  
\* Rochester, NY. MACE, M.H. Division of Contracts & Property Management (Post 890205) NRC-10-87-439 90/02/20 1p 52752 301 52752 301

9002270155 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Callaway County Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-349 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52759 093 52759 094

-9002270156 Mod 4, changing name of project officer, to "Maint & Operation of LPDR."  
\* Callaway County, MO. MACE, M.H. Division of Contracts & Property Management (Post 890205) NRC-10-87-349 90/02/20 1p 52759 094 52759 094

9002270158 Notification of cooperative agreement, Mod 5, to "Maint & Operation of LPDR." Contractor: Wiscasset Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-348 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52759 085 52759 086

-9002270162 Mod 5, changing name of project officer, to "Maint & Operation of LPDR."  
\* Wiscasset, ME. BELL, S. Division of Contracts & Property Management (Post 890205) NRC-10-87-348 90/02/20 1p 52759 086 52759 086

9002270159 Notification of cooperative agreement, Mod 5, to "Maint & Operation of LPDR." Contractor: Cedar Rapids Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-351 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52759 063 52759 064

-9002270165 Mod 5, designating new project officer, to "Maint & Operation of LPDR."  
\* Cedar Rapids, IA. MACE, M.H. Contract Administration Branch NRC-10-87-351 90/02/20 1p 52759 064 52759 064

9002270167 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: White Plains Public Library  
CRAMPTON, S.A. Contract Administration Branch NRC-10-87-440 90/02/20  
GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p  
52748 269 52748 270

- 9002270172 Mod 4, designating new project officer, to "Maint & Operation of LPDR."  
\* White Plains, NY. MACE, M.H. Contract Administration Branch. NRC-10-87-440. 90/02/20. 1p. 52748 270-52748 270.
- 9002270220 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Emporia State Univ./WA. White Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-39-88-172. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52748 314-52748 315.
- 9002270267 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* Emporia State Univ., Emporia, KS. MACE, M.H. Contract Administration Branch. NRC-39-88-172. 90/02/20. 1p. 52748 315-52748 315.
- 9002270234 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Hartsville Memorial Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-429. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52749 071-52749 072.
- 9002270236 Mod 4, designating new project officer, to "Maint & Operation of LPDR."  
\* Hartsville, SC. MACE, M.H. Contract Administration Branch. NRC-10-87-429. 90/02/20. 1p. 52749 072-52749 072.
- 9002270239 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Calvert County Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-430. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52759 087-52759 088.
- 9002270241 Mod 4, changing name of project officer, to "Maint & Operation of LPDR."  
\* Calvert County, MD. MACE, M.H. Division of Contracts & Property Management (Post 890205). NRC-10-87-430. 90/02/20. 1p. 52759 088-52759 088.
- 9002270255 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Univ. of California, Irvine.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-448. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52748 267-52748 268.
- 9002270258 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* California, Univ. of, Irvine, CA. MACE, M.H. Contract Administration Branch. NRC-10-87-448. 90/02/20. 1p. 52748 268-52748 268.
- 9002270261 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Ocean County Library, Toms River, NJ.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-361. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52749 337-52749 338.
- 9002270264 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* Ocean County, NJ. BELL, S. Division of Contracts & Property Management (Post 890205). NRC-10-87-381. 90/02/20. 1p. 52749 338-52749 338.
- 9002270268 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Joseph Mann Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-443. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52756 014-52756 015.
- 9002270270 Mod 4, changing name of project officer, to "Maint & Operation of LPDR."  
\* Two Rivers, WI. BELL, S. Division of Contracts & Property Management (Post 890205). NRC-10-87-443. 90/02/20. 1p. 52756 015-52756 015.
- 9002270272 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Vespasian Warner Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-434. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52748 323-52748 324.
- 9002270278 Mod 4, designating new project officer, to "Maint & Operation of LPDR."  
\* Clinton, IL. MACE, M.H. Contract Administration Branch. NRC-10-87-434. 90/02/20. 1p. 52748 324-52748 324.
- 9002270303 Notification of cooperative agreement, Mod 6, to "Maint & Operation of LPDR." Contractor: Shoreham-Wading River Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-438. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52759 085-52759 086.
- 9002270307 Mod 6, designating new project officer, to "Maint & Operation of LPDR."  
\* Shoreham, NY. BELL, S. Contract Administration Branch. NRC-10-87-438. 90/02/20. 1p. 52759 086-52759 086.
- 9002270309 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: La Crosse Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-442. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52748 330-52748 331.
- 9002270312 Mod 4, designating new project officer, to "Maint & Operation of LPDR."  
\* La Crosse, WI. MACE, M.H. Contract Administration Branch. NRC-10-87-442. 90/02/20. 1p. 52748 331-52748 331.
- 9002270318 Notification of cooperative agreement, Mod 5, to "Maint & Operation of LPDR." Contractor: Minneapolis, MN Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-449. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52749 223-52749 224.
- 9002270320 Mod 5, designating new project officer, to "Maint & Operation of LPDR."  
\* Minneapolis, MN. MACE, M.H. Contract Administration Branch. NRC-10-87-449. 90/02/20. 1p. 52749 224-52749 224.
- 9002270321 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Sacramento Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-447. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52758 196-52758 197.
- 9002270324 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* Sacramento, CA. MACE, M.H. Contract Administration Branch. NRC-10-87-447. 90/02/20. 1p. 52758 197-52758 197.
- 9002270402 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Univ. of New Orleans.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-360. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52749 335-52749 335.
- 9002270403 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* New Orleans, Univ. of, New Orleans, LA. BELL, S. Division of Contracts & Property Management (Post 890205). NRC-10-87-360. 90/02/20. 1p. 52749 335-52749 335.
- 9002270411 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: W. Dale Clark Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-435. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52758 104-52758 105.
- 9002270416 Mod 4, designating new project officer, to "Maint & Operation of LPDR."  
\* Omaha, NE. MACE, M.H. Contract Administration Branch. NRC-10-87-435. 90/02/20. 1p. 52758 105-52758 105.
- 9002270422 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." awarded to BF Jones Memorial Library, Allquippa, PA.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-353. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52753 047-52753 048.
- 9002270424 Mod 4, designating new project officer, to "Maint & Operation of LPDR."  
\* Allquippa, PA. MACE, M.H. Contract Administration Branch. NRC-10-87-353. 90/02/20. 1p. 52753 048-52753 048.
- 9002270430 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Dixon Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-452. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52748 092-52748 093.
- 9002270433 Mod 3, changing name of project officer, to "Maint & Operation of LPDR."  
\* Dixon, IL. MACE, M.H. Contract Administration Branch. NRC-10-87-452. 90/02/20. 1p. 52748 093-52748 093.
- 9002270436 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Wheeler Basin Regional Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-358. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52756 178-52756 177.
- 9002270439 Mod 4, designating new project officer, to "Maint & Operation of LPDR."  
\* Decatur, AL. BELL, S. Contract Administration Branch. NRC-10-87-358. 90/02/20. 1p. 52756 177-52756 177.
- 9002270438 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Phoenix Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-453. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52749 167-52749 168.
- 9002270440 Mod 3, changing name of project officer, to "Maint & Operation of LPDR."  
\* Phoenix, AZ. MACE, M.H. Contract Administration Branch. NRC-10-87-453. 90/02/20. 1p. 52749 168-52749 168.
- 9002270443 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Houston Love Memorial Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-357. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52756 120-52756 121.
- 9002270447 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* Dothan, AL. BELL, S. Contract Administration Branch. NRC-10-87-357. 90/02/20. 1p. 52756 121-52756 121.
- 9002280095 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Washburn Univ. of Topeka.  
CRAMPTON, S.A. Contract Administration Branch. NRC-39-88-236-00. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52779 251-52779 252.
- 9002280097 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* Washburn Univ. of Topeka, Topeka, KS. BELL, S. Contract Administration Branch. NRC-39-88-236-00. 90/02/20. 1p. 52779 252-52779 252.
- 9002280100 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: North Central Michigan College.  
CRAMPTON, S.A. Contract Administration Branch. NRC-39-88-237-00. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52779 249-52779 250.
- 9002280101 Mod 3, designating new project officer, to "Maint & Operation of LPDR."  
\* North Central Michigan College, Petoskey, MI. BELL, S. Contract Administration Branch. NRC-39-88-237-00. 90/02/20. 1p. 52779 250-52779 250.
- 9002280113 Notification of cooperative agreement, Mod 5, to "Maint & Operation of LPDR." Contractor: Washington Univ./Olin Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-39-88-171-00. 90/02/20. GRIMSLEY, D.H., NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52779 195-52779 196.
- 9002280118 Mod 5, designating new project officer, to "Maint & Operation of LPDR."  
\* Washington Univ., St. Louis, MO. NRC-39-88-171-00. 90/02/20. 1p. 52779 196-52779 196.



9002280149 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Arkansas Tech Univ Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-333. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52759.334-52759.335.

9002280151 Mod 4, changing name of project officer, to "Maint & Operation of LPDR." \* Arkansas Tech Univ., Russellville, AR. BELL, S. Contract Administration Branch. NRC-10-87-333. 90/02/20. 1p. 52759.335-52759.335.

9002280205 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: York County Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-331. 90/02/20. GRIMSLEY, D.H. NRC - No Detailed Affiliation Given. 1p. 52759.338-52759.337.

9002280210 Mod 4, changing name of project officer, to "Maint & Operation of LPDR." \* York County, SC. BELL, S. Contract Administration Branch. NRC-10-87-331. 90/02/20. 1p. 52759.337-52759.337.

9003010062 Notification of contract execution, Mod 8, to "Simulator Lease for C-E Training Course." Contractor: C-E.  
MEEHAN, B. Contract Administration Branch. NRC-05-86-165. 90/01/05. SPESSARD, R.L. Division of Operational Assessment (Post 870413). BELL, T.L. NRC - No Detailed Affiliation Given. 1p. 52781.217-52781.219.

9003010069 Mod 9, extending period of performance through 900630 & revising pricing for performance of work, to "Simulator Lease for C-E Training Course." \* Combustion Engineering, Inc. BELL, S. Contract Administration Branch. NRC-05-86-165. 90/01/05. 2pp. 52781.218-52781.219.

9003010072 Notification of contract execution, Mod 27, to "Technical Assistance in Support of RRC Licensing Activities." Contractor: Science Applications Intl Corp.  
FIELDS, J. Contract Administration Branch. FIN L-1072-0. NRC-03-87-029. 90/02/16. BAWA, S. Office of Nuclear Reactor Regulation, Director (Post 870411). POLK, H. NRC - No Detailed Affiliation Given. 1p. 52791.116-52791.122.

9003010076 Mod 27, exercising contract option, extending period of performance & raising contract ceiling, to "Technical Assistance in Support of RRC Licensing Activities." \* Science Applications International Corp. (formerly Science Applications, Inc.). BELL, S. Contract Administration Branch. FIN L-1072-0. NRC-03-87-029. 90/02/16. 6pp. 52791.117-52791.122.

9003010343 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." awarded to Hope College.  
CRAMPTON, S.A. Contract Administration Branch. NRC-39-88-238. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52791.128-52791.129.

9003010348 Mod 3, designating new project officer, to "Maint & Operation of LPDR." \* Hope College, Holland, MI. BELL, S. Division of Contracts & Property Management (Post 890205). NRC-39-88-238. 90/02/20. 1p. 52791.128-52791.129.

9003010362 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Wharton County Community College.  
CRAMPTON, S.A. Facility Management Branch. NRC-39-88-238. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52786.031-52786.032.

9003010372 Mod 3, changing name of project officer, to "Maint & Operation of LPDR." \* Wharton County Community College, Wharton, TX. BELL, S. Division of Contracts & Property Management (Post 890205). NRC-39-88-238. 90/02/20. 1p. 52786.032-52786.032.

9003010385 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Eureka-Humboldt County Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-450. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52786.061-52786.062.

9003010388 Mod 3, designating new project officer, to "Maint & Operation of LPDR." \* Eureka, CA. MACE, M.H. Division of Contracts & Property Management (Post 890205). NRC-10-87-450. 90/02/20. 1p. 52786.062-52786.062.

9003010394 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Chattanooga-Hamilton County Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-428-00. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52791.123-52791.124.

9003010403 Mod 4, designating new project officer, to "Maint & Operation of LPDR." \* Channahon, IL. BELL, S. Contract Administration Branch. NRC-10-87-428-00. 90/02/20. 1p. 52791.124-52791.124.

9003010411 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Somerville County Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-427. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52791.265-52791.266.

9003010418 Mod 4, changing name of project officer, to "Maint & Operation of LPDR." \* Glen Rose, TX. BELL, S. Contract Administration Branch. NRC-10-87-427. 90/02/20. 1p. 52781.266-52781.266.

9003010414 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." awarded to Portland State Univ.  
CRAMPTON, S.A. Contract Administration Branch. NRC-39-89-068. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52791.130-52791.131.

9003010417 Mod 3, designating new project officer, to "Maint & Operation of LPDR." \* Portland State Univ., Portland, OR. BELL, S. Division of Contracts & Property Management (Post 890205). NRC-39-89-168. 90/02/20. 1p. 52791.131-52791.131.

9003010419 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: WH Abel Memorial Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-451. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52781.242-52781.243.

9003010423 Mod 4, designating new project officer, to "Maint & Operation of LPDR." \* Montesano, WA. MACE, M.H. Contract Administration Branch. NRC-10-87-451. 90/02/20. 1p. 52781.243-52781.243.

9003010426 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Russell Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-423. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52781.247-52781.248.

9003010427 Mod 4, designating new project officer, to "Maint & Operation of LPDR." \* Middletown, CT. BELL, S. Contract Administration Branch. NRC-10-87-423. 90/02/20. 1p. 52781.248-52781.248.

9003020043 Notification of contract execution, Mod 2, to "Molten Core Coolant Interaction." Contractor: Regents of Univ of California.  
FIELDS, J. Contract Administration Branch. FIN L-1173-9. NRC-04-89-082. 90/02/26. GUSTAVE, R.P. Office of Nuclear Regulatory Research (Post 860720). ELTAVILA, F. NRC - No Detailed Affiliation Given. 1p. 52789.309-52789.310.

9003020052 Mod 2, amending Block 12 under "Accounting & Appropriation Data" to correct B&R number, to "Molten Core Coolant Interaction." \* California, Univ. of, Santa Barbara, CA. \* Division of Contracts & Property Management (Post 890205). FIN L-1173-9. NRC-04-89-082. 90/02/26. 1p. 52789.310-52789.310.

9003020057 Notification of contract execution, Mod 18, to "Document Distribution Svcs." Contractor: GPO.  
DUBOSE, B.J. NRC - No Detailed Affiliation Given. FIN D-1872-0. NRC-10-85-264. 90/02/26. MESSENGER, G.H. Division of Information Support Services (Post 890205). SHAW, K.R. NRC - No Detailed Affiliation Given. 1p. 52816.262-52816.264.

9003020061 Mod 18, providing incremental funding which increases obligated amount, to "Document Distribution Svcs." \* Government Printing Office. BELL, S. Division of Contracts & Property Management (Post 890205). FIN D-1872-0. NRC-10-85-264. 90/02/26. 2pp. 52816.263-52816.264.

9003020285 Notification of contract execution, Mod 1, to "Research on Development of Framework for Assessing Severe Accident Mgt Strategies in Nuclear Reactors." Contractor: Univ of California, Los Angeles.  
BRENNAN, P. Contract Administration Branch. FIN L-1331-0. NRC-04-89-348. 90/02/26. GUSTAVE, R.P. Program Management, Policy Development & Analysis Staff (Post 870413). ODAF, F. NRC - No Detailed Affiliation Given. 1p. 52855.114-52855.115.

9003020286 Mod 1, providing incremental funding in stated amount, to "Research on Development of Framework for Assessing Severe Accident Mgt Strategies in Nuclear Reactors." \* California, Univ. of, Los Angeles, CA. BELL, S. Division of Contracts & Property Management (Post 890205). FIN L-1331-0. NRC-04-89-348. 90/02/26. 1p. 52855.115-52855.115.

9003020289 Notification of contract execution, Mod 19, to "Init Piping Integrity Research Program." Contractor: BM.  
BRENNAN, P. Contract Administration Branch. NRC-04-86-106. 90/02/26. GUSTAVE, R.P. Program Management, Policy Development & Analysis Staff (Post 870413). MAYFIELD, M. NRC - No Detailed Affiliation Given. 1p. 52826.246-52826.247.

9003020292 Mod 19, clarifying period of performance to state that contract will commence on 860710 & continue until 900509, to "Init Piping Integrity Research Program." \* Battelle Memorial Institute, Columbus Laboratories. BELL, S. Division of Contracts & Property Management (Post 890205). NRC-04-86-106. 90/02/26. 1p. 52826.247-52826.247.

9003020293 Notification of contract execution, Mod 13, to "Radiation Monitoring Program Requirements." Contractor: State of CO.  
CRAMPTON, S. Contract Administration Branch. NRC-31-83-668. 90/02/26. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). NICHOLAS, J.B. NRC - No Detailed Affiliation Given. 1p. 52836.197-52836.199.

9003020295 Mod 13, providing funding for CY90, to "Radiation Monitoring Program Requirements." \* Colorado, State of. MACE, M.H. Division of Contracts & Property Management (Post 890205). NRC-31-83-668. 90/02/26. 2pp. 52836.198-52836.199.

9003020298 Notification of contract execution, Mod 12, to "Radiation Monitoring Program Requirements." Contractor: State of TX.  
CRAMPTON, S. Contract Administration Branch. FIN B-8504-0. NRC-31-83-671. 90/02/26. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). NICHOLAS, J.B. NRC - No Detailed Affiliation Given. 1p. 52826.256-52826.258.

9003020299 Mod 12, providing funding for CY90, to "Radiation Monitoring Program Requirements." \* Texas, State of. HAGAN, T.F. Division of Contracts & Property Management (Post 890205). FIN B-8504-0. NRC-31-83-671. 90/02/26. 2pp. 52826.257-52826.258.

9003050085 Notification of cooperative agreement, Mod 4, to "Maint & Operation of LPDR." Contractor: Appleby County Public Library.  
CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-363. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52837.141-52837.142.

9003050092 Mod 4, designating new project officer, to "Maint & Operation of LPDR." \* Baxley, GA. BELL, S. Contract Administration Branch. NRC-10-87-363. 90/02/20. 1p. 52837.142-52837.142.

9003060068 Notification of contract execution, Mod 3, to "Technical Assistance for Part 20 Implementation." Contractor: SBA. Subcontractor: Sciencetech, Inc.  
HUGHES, A. Contract Administration Branch. FIN B-82070. NRC-04-89-067. 90/02/26. MORRIS, B.M. Division of Regulatory Applications (Post 870413). PETERSON, H. NRC - No Detailed Affiliation Given. 1p. 52855.347-52855.348.

9003060073 Mod 3, providing CY90 incremental funding & revising key personnel clause, to "Technical Assistance for Part 20 Implementation." \* Small Business Administration, \* Sciencetech, Inc. HAGAN, T.F. Contract Administration Branch. FIN B-82070. NRC-04-89-067. 90/02/26. 2pp. 52855.348-52855.349.



- 9003060142 Notification of contract execution, Mod 2, to "NRC Sys Data Entry, Task Data Entry for ARM/DAF." Contractor SBA Subcontractor Data Computer Corp of America KNOX E. Contract Administration Branch FIN D-1920-0 NRC-39-89-133 90/01/23 AMENTA, J.A. Office of Information Resources Management (Post 890205) DO-LEC-A, NRC - No Detailed Affiliation Given 1p 52838 174-52838 176
- 9003060169 Ltr Contract NRC-39-89-133 Mod 2, Task 8, extending term of task order to 9003030 to "NRC Sys Data Entry, Task Data Entry for ARM/DAF." BELL, S. Contract Administration Branch FIN D-1920-0 NRC-39-89-133 90/01/19 HITCHENS, T.E. Data Computer Corp of America 2pp 52839 175-52838 176
- 9003060161 Notification of contract execution, Mod 1, to "Scale Effects & Uncertainties in Characterizing Fluid Flow & Contaminant Transport Around High Level Radwaste Repositories in Fractured Tuffaceous Rocks." Contractor Univ of AZ UMBEL D. Contract Negotiation Branch-2 FIN L-12830 NRC-04-90-052 89/12/21 SHAOL Division of Engineering (Post 870413) NICHOLSON, T. NRC - No Detailed Affiliation Given 1p 52849 100-52849 276
- 9003060167 Mod 1, defining of contract, to "Scale Effects & Uncertainties in Characterizing Fluid Flow & Contaminant Transport Around High Level Radwaste Repositories in Fractured Tuffaceous Rocks." WHEELER, J.T. Arizona Univ. of Tucson, AZ. WIGGINS, E. Division of Contracts & Property Management (Post 890205) FIN L-12830 NRC-04-90-052 89/12/21 7pp 52849 101-52849 107
- 9003060223 Notification of contract execution "Scale Effects & Uncertainties in Characterizing Fluid Flow & Contaminant Transport Around High Level Radwaste Repositories in Fractured Tuffaceous Rocks." awarded to Univ of Arizona UMBEL D. Contract Negotiation Branch-2 FIN L-12830 NRC-04-90-052 89/11/13 SHAOL Division of Engineering (Post 870413) NICHOLSON, T. NRC - No Detailed Affiliation Given 1p 52849 102-52849 103
- 9003060225 Ltr Contract NRC-04-90-052, "Scale Effects & Uncertainties in Characterizing Fluid Flow & Contaminant Transport Around High Level Radwaste Repositories in Fractured Tuffaceous Rocks." WIGGINS, E. J. Division of Contracts & Property Management (Post 890205) FIN L-12830 NRC-04-90-052 89/11/29 MATHER, P.F. Arizona Univ. of Tucson, AZ. 1p 52849 109-52849 103
- 9003060228 Ltr Contract NRC-04-90-052, "Scale Effects & Uncertainties in Characterizing Fluid Flow & Contaminant Transport Around High Level Radwaste Repositories in Fractured Tuffaceous Rocks." WIGGINS, E. J. Division of Contracts & Property Management (Post 890205) FIN L-12830 NRC-04-90-052 89/11/13 MATHER, P.F. Arizona Univ. of Tucson, AZ. 167pp 52849 110-52849 276
- 9003070021 Notification of contract execution, Mod 10, to "Internal Emitter Aspects of Radiation Protection." Contractor Natl Council on Radiation Protection KNOX E. Contract Administration Branch FIN D-15800 NRC-04-85-118 90/02/06 MORRIS, B. Division of Regulatory Applications (Post 870413) BELL, J. NRC - No Detailed Affiliation Given 1p 52888 013-52888 015
- 9003070025 Mod 10, continuing authorization granting extension of contract period of performance through 900130 at no add. cost to govt to "Internal Emitter Aspects of Radiation Protection." National Council on Radiation Protection & Measurements BELL, S. Division of Contracts & Property Management (Post 890205) FIN D-15800 NRC-04-85-118 90/02/06 2pp 52888 014-52888 015
- 9003070028 Notification of contract execution, Mod 2, to "Support for Waste Confidence Decision." Contractor Jupiter Assoc, Inc KNOX E. Contract Administration Branch NRC-02-89-012 90/01/31 FUNCHES, J. Program Management, Policy Development & Analysis Staff (Post 870413) CORRAJO, J. NRC - No Detailed Affiliation Given 1p 52891 087-52891 089
- 9003070030 Mod 2, revising due dates for Tasks 3, 4, 5, 6 & 7, extending period of performance to 900630 & changing project officer, to "Support for Waste Confidence Decision." JUPITER C. Corp (formerly Jupiter Associates, Inc.) BELL, S. Division of Contracts & Property Management (Post 890205) NRC-02-89-012 90/01/31 2pp 52891 089-52891 089
- 9003080231 Notification of contract execution, Mod 9, to "Technical Assistance in Natural Resource Assessment." Contractor Bureau of Mines PLEASANT, E. M. Contract Administration Branch FIN D-1018-0 NRC-02-85-004 90/02/26 FUNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413) BLACKFORD, M. NRC - No Detailed Affiliation Given 1p 52892 097-52892 099
- 9003080239 Mod 9, extending period of performance to 900930 providing addl funds for Task Order 2, increasing contract ceiling & changing project officer, to "Technical Assistance in Natural Resource Assessment." WHITTELTON, T.R. Interior, Dept. of Bureau of Mines, MACE, M. Division of Contracts & Property Management (Post 890205) FIN D-1018-0 NRC-02-85-004 90/02/26 2pp 52892 098-52892 099
- 9003080254 Notification of contract execution, Mod 15, to "Radiation Monitoring Program Requirements." Contractor State of OH CRAMPTON, S. Contract Administration Branch FIN B-8454-0 NRC-30-83-646 90/03/02 WEST, K.S. Planning, Program & Management Support Branch (Post 870411) WIEDEMANN, D.G. NRC - No Detailed Affiliation Given 1p 52896 311-52896 313
- 9003080258 Mod 15, providing incremental funding for CY90, to "Radiation Monitoring Program Requirements." Ohio, State of HAGAN, T.F. Contract Administration Branch FIN B-8454-0 NRC-30-83-646 90/03/02 2pp 52896 312-52896 313
- 9003080399 Notification of contract execution, Mod 13, to "Radiation Monitoring Program Requirements." Contractor State of MO, Dept of Health Bureau of Radiological Health CRAMPTON, S. Contract Administration Branch FIN B-8454-0 NRC-30-83-643 90/03/02 WEST, K.S. Planning, Program & Management Support Branch (Post 870411) WIEDEMANN, D.G. NRC - No Detailed Affiliation Given 1p 52910 127-52910 128
- 9003080401 Mod 13, providing incremental funding for CY90, to "Radiation Monitoring Program Requirements." Missouri, State of FIN B-8454-0 NRC-30-83-643 90/03/02 1p 52910 128-52910 128
- 9003080443 Notification of contract execution, Mod 8, to "Radiation Monitoring Program Requirements." Contractor Illinois Dept of Nuclear Safety CRAMPTON, S. Contract Administration Branch FIN B-8454-0 NRC-30-83-643 90/03/02 WEST, K.S. Planning, Program & Management Support Branch (Post 870411) WIEDEMANN, D.G. NRC - No Detailed Affiliation Given 1p 52896 058-52896 062
- 9003080445 Mod 8, providing incremental funding for CY90, to "Radiation Monitoring Program Requirements." Illinois, State of HAGAN, T.F. Contract Administration Branch FIN B-8454-0 NRC-30-83-646 90/03/02 2pp 52896 059-52896 060
- 9003090015 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor Oconee County Library CRAMPTON, S. A. Contract Administration Branch NRC-10-87-334 90/02/26 GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p 52945 234-52945 235
- 9003090017 Mod 3, designating new project officer, to "Maint & Operation of LPDR." Oconee County, SC. BELL, S. Contract Administration Branch NRC-10-87-334 90/02/20 1p 52945 235-52945 235
- 9003090026 Notification of cooperative agreement, Mod 4, to "Operation of LPDR." Contractor Morris Public Library CRAMPTON, S. A. Contract Administration Branch NRC-10-87-334 90/02/26 GRIMSLEY, D.H. NRC - No Detailed Affiliation Given 1p 52952 051-52952 052
- 9003090034 Mod 4, designating new project officer, to "Maint & Operation of LPDR." Morris, IL. BELL, S. Division of Contracts & Property Management (Post 870411) NRC-10-87-334 90/02/20 1p 52952 052-52952 052
- 9003090087 Notification of contract execution, Mod 13, to "Technical Assistance in Developing & Implementing Programs & Procedures for Reactors Requiring Special Resources." Contractor Ebasco Svcs, Inc. MEEHAN, B. Contract Administration Branch NRC-03-87-119 90/02/21 24pp 52946 339-52946 341
- 9003090090 Mod 13, adding new Clause 118 "Contract Security Requirements." Technical Assistance in Developing Programs & Procedures for Reactors Requiring Special Insp Resources MCAFEE, R.W. Ebasco Services, Inc. (subs of Enserch Corp) MACE, M. Division of Contracts & Property Management (Post 890205) NRC-03-87-119 90/02/21 2pp 52946 340-52946 341
- 9003090144 Notification of contract execution, Mod 13, to "Cognitive Modeling Behavior of Nuclear Power Plant Personnel." Contractor Westinghouse Electric Corp MEEHAN, B. Contract Administration Branch NRC-04-85-103 90/02/20 GUSTAF, P. Program Management, Policy Development & Analysis Staff (Post 870413) LEXER, NRC - No Detailed Affiliation Given 1p 52945 046-52945 049
- 9003090153 Mod 13, extending period of performance, changing project officer & adding indirect rates to "Cognitive Modeling Behavior of Nuclear Power Plant Personnel." ZAHAROFF, M. Westinghouse Electric Corp BELL, S. A. Division of Contracts & Property Management (Post 890205) NRC-04-85-103 90/02/20 3pp 52945 049-52945 049
- 9003090162 Notification of contract execution, "Acquisition for Project Managers & Senior Managers," awarded to Mgt Concepts Inc. MEARSE, S. Contract Negotiation Branch-1 FIN D-23000 NRC-38-89-326 90/02/26 GOLDMAN, P. Office of Personnel (Post 870413) VANSANTEN, L. NRC - No Detailed Affiliation Given 1p 52945 277-52945 344
- 9003090190 Contract "Acquisition for Project Managers & Senior Managers," awarded to Mgt Concepts, Inc. DUNGAN, T.F. Management Concepts, Inc. WIGGINS, E. J. Division of Contracts & Property Management (Post 890205) FIN D-23000 NRC-38-89-326 90/02/26 6pp 52945 278-52945 344
- 9003090238 Notification of contract execution, Mod 7, to "Lease of Telecommunications Svcs." Contractor Chesapeake & Potomac Telephone Co HUGHES, A. Contract Administration Branch FIN D-18510 NRC-39-88-240 90/02/15 AMENTA, J. Office of Information Resources Management (Post 890205) BALDES, V. MELVILLE, T. NRC - No Detailed Affiliation Given 1p 52926 122-52926 124
- 9003090244 Mod 7, extending period of performance for voice & data telecommunications support svcs to 901231 & providing funding for work orders issued for Oct-Dec 1989 to "Lease of Telecommunications Svcs." MURRAY, A.T. C&P Telephone Co of Maryland BELL, S. Contract Administration Branch FIN D-18510 NRC-39-88-240 90/02/15 2pp 52926 123-52926 124
- 9003090324 Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDF PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday 18pp 52890 292-52890 294
- 9003130552 Ack receipt of 870506 ltr re delay in final audit of subcontractor under Contract NRC-04-82-013. Response will be forwarded. BRADBURN, J.C. Congressional Affairs NRC-04-82-013 87/05/14 D'AMATO, A. Senate 1p 52891 107-52891 107
- 9003130556 Ack receipt of 870508 ltr re inquiry from constituent, MN Haas concerning payment under Contract NRC-04-82-013 STELLO, V. Office of the Executive Director for Operations NRC-04-82-013 87/05/23 D'AMATO, A. Senate 1p 52891 108-52891 108
- 9003120085 Notification of Mod 4 to cooperative agreement, "Maint & Operation of LPDR." Contractor Greenfield Community College Library CRAMPTON, S. A. Contract Administration Branch NRC-10-87-334 90/02/26 GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given 1p 52998 278-52998 279
- 9003120073 Mod 4, designating new project officer, to "Maint & Operation of LPDR." Greenfield, MA. BELL, S. Contract Administration Branch NRC-10-87-334 90/02/26 1p 52998 279-52998 279

9003120081 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor: Pennsville Public Library. CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-339. 90/02/20. GRIMSLEY, D.H. NRC - No Detailed Affiliation Given. 1p. 53007:120-53007:120.

-9003120090 Mod 3, designating new project officer, to "Maint & Operation of LPDR." \* Pennsville, NJ. BELL, S. Division of Contracts & Property Management (Post 890205). NRC-10-87-339. 90/02/20. 1p. 53007:121-53007:121.

9003120175 Notification of Mod 4 to cooperative agreement, "Maint & Operation of LPDR." Contractor: Crystal River Public Library. CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-424. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52998:323-52998:324.

-9003120186 Mod 4, designating new project officer, to "Maint & Operation of LPDR." \* Crystal River, FL. BELL, S. Contract Administration Branch. NRC-10-87-424. 90/02/20. 1p. 52998:324-52998:324.

9003120194 Notification of Mod 3 to cooperative agreement, "Maint & Operation of LPDR." Contractor: Indian River Community Library. CRAMPTON, S.A. Contract Administration Branch. NRC-10-87-425. 90/02/20. GRIMSLEY, D.H. NORTHERN, S.S. NRC - No Detailed Affiliation Given. 1p. 52998:311-52998:312.

-9003120199 Mod 3, designating new project officer, to "Maint & Operation of LPDR." \* Ft. Pierce, FL. BELL, S. Contract Administration Branch. NRC-10-87-425. 90/02/20. 1p. 52998:312-52998:312.

9003120273 Notification of contract execution, Mod 7, to "New Madrid Geological & Seismological Research Program." Contractor: Univ. of Michigan. BRENNAN, P.A. Contract Administration Branch. FIN D-16950. NRC-04-86-122. 90/02/28. GUSTAVE, R.P. Program Management, Policy Development & Analysis Staff (Post 870413). ZURFLUEH, E. NRC - No Detailed Affiliation Given. 1p. 52999:214-52999:216.

-9003120277 Mod 7, exercising fourth 1-yr option, providing add'l funds, revising indirect rate clause, increasing contract ceiling & changing key personnel, to "New Madrid Geological & Seismological Research Program." \* Ann Arbor, MI. BELL, S. Division of Contracts & Property Management (Post 890205). FIN D-16950. NRC-04-86-122. 90/02/28. 4pp. 52999:215-52999:218.

9003120288 Notification of contract execution, Task Order 3, "Regulatory Analysis Support of Proposed Rule Re Nuclear Power Plant License Renewal to Contract," to "Rulemaking & Regulatory." Contractor: Science & Engineering Assoc. Inc. BRENNAN, P.A. Contract Administration Branch. FIN D-25120. NRC-04-89-051. 90/02/23. MORRIS, W.M., FELD, S. NRC - No Detailed Affiliation Given. GUSTAVE, R.P. Program Management, Policy Development & Analysis Staff (Post 870413). 1p. 52998:315-52998:320.

-9003120294 Ltr Contract NRC-04-89-051, Task 3, "Regulatory Analysis Support of Proposed Rule Re Nuclear Power Plant License Renewal," to Contract "Rulemaking & Regulatory Analysis Support for Requirements Involving Physical Mod to NRC." \* BELL, S. Contract Administration Branch. FIN D-25120. NRC-04-89-051. 90/02/14. COLINA, J. Science & Engineering Associates, Inc. 5pp. 52998:316-52998:320.

9003120299 Notification of contract execution, Mod 4, to "Maint & Operation of LPDR." Contractor: Plymouth Public Library. CRAMPTON, S. Contract Administration Branch. FIN D-24160. NRC-10-87-356. 90/03/06. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). NORTHERN, S. NRC - No Detailed Affiliation Given. 1p. 52999:208-52999:209.

-9003120304 Mod 4, changing govt furnished property, to "Maint & Operation of LPDR." \* Plymouth, MA. HAGAN, T.F. Division of Contracts & Property Management (Post 890205). FIN D-24160. NRC-10-87-356. 90/03/06. 1p. 52999:209-52999:209.

9003120405 Notification of contract execution, Mod 19, to "Lease of Telecommunication Equipment." Contractor: AT&T Info Sys. HUGHES, A. Contract Administration Branch. FIN C-20120. NRC-33-87-238. 90/03/06. KRUIZIC, P. Division of Computer & Telecommunications Services (Post 890205). RICKERT, H. NRC - No Detailed Affiliation Given. 1p. 52998:286-52998:289.

-9003120411 Mod 19, providing incremental funding, to "Lease of Telecommunication Equipment." \* AT&T Information Systems. HAGAN, T.F. Contract Administration Branch. FIN C-20120. NRC-33-87-238. 90/03/06. 2pp. 52998:287-52998:288.

9003120416 Notification of contract execution, Mod 2, to "Maint of LPDR." Contractor: JR Dickinson Library. CRAMPTON, S. Contract Administration Branch. FIN D-24160. NRC-10-87-173. 90/03/02. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). NORTHERN, S. NRC - No Detailed Affiliation Given. 1p. 52998:280-52998:281.

-9003120421 Mod 2, adding govt-furnished property, to "Maint of LPDR." \* Las Vegas, NV. HAGAN, T.F. Contract Administration Branch. FIN D-24160. NRC-10-87-173. 90/03/02. 1p. 52998:281-52998:281.

9003120430 Notification of contract execution, Task Order 4, "Implementation of Revised Cost Algorithms in Forecase," to contract: "Rulemaking & Regulatory Analysis Support for..." Contractor: Science & Engineering Assoc. Inc. BRENNAN, P.A. Contract Administration Branch. FIN D-25120. NRC-04-89-051. 90/02/23. MORRIS, W.M. Office of Nuclear Regulatory Research (Post 860720). GUSTAVE, R.P. Program Management, Policy Development & Analysis Staff (Post 870413). FELD, S. NRC - No Detailed Affiliation Given. 1p. 52998:289-52998:293.

-9003120438 Ltr Contract NRC-04-89-051 for Task 4, to "Rulemaking & Regulatory Analysis Support for Requirements Involving Physical Mod to NRC-Licensed Facilities." \* BELL, S. Contract Administration Branch. FIN D-25120. NRC-04-89-051. 90/02/13. COLINA, Science & Engineering Associates, Inc. 4pp. 52998:290-52998:293.

9003120507 Notification of contract execution, Mod 8, to "Environ Surveillance for Measuring Concentrations of Radioactivity & Radiation Levels in Environ of Commission Licensed Activities." Contractor: State of NE Dept of Health. CRAMPTON, S. Contract Administration Branch. FIN B-8503. NRC-31-86-330. 90/03/02. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). NICHOLAS, J.B. NRC - No Detailed Affiliation Given. 1p. 53007:125-53007:125.

-9003120512 Mod 8, obligating funds, to "Environ Surveillance for Measuring Concentrations of Radioactivity & Radiation Levels in Environ of Commission Licensed Activities Located Within State of NE & Selected by Commission." \* Nebraska, State of. HAGAN, T.F. Division of Contracts & Property Management (Post 890205). FIN B-8503. NRC-31-86-330. 90/03/02. 2pp. 53170:039-53170:043.

9003120520 Notification of contract execution, Mod 5, to "Local Telephone Svc in Support of Health Physics Network & Emergency Notification Sys." Contractor: Now Eng. Land Telephone Co. HUGHES, A. Contract Administration Branch. FIN D-1851-0. NRC-33-87-231. 90/03/06. KRUIZIC, P. Division of Computer & Telecommunications Services (Post 890205). RICKERT, H. NRC - No Detailed Affiliation Given. 1p. 52999:220-52999:222.

-9003120528 Mod 5, changing project officer, to "Local Telephone Svc in Support of Health Physics Network & Emergency Notification Sys." \* New England Bell Telephone Co. HAGAN, T.F. Division of Contracts & Property Management (Post 890205). FIN D-1851-0. NRC-33-87-231. 90/03/06. 2pp. 52999:221-52999:222.

9003120670 Notification of contract execution, Mod 16, to "Radiation Monitoring Program Requirements." Contractor: State of WI. CRAMPTON, S. Contract Administration Branch. FIN B-8453-0. NRC-30-83-647. 90/03/02. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). WIEDEMAN, D.G. NRC - No Detailed Affiliation Given. 1p. 52999:210-52999:212.

-9003120671 Mod 16, providing incremental fund to CY90, to "Radiation Monitoring Program Requirements." \* Wisconsin, State of. \* Contract Administration Branch. FIN B-8453-0. NRC-30-83-647. 90/03/02. 2pp. 52999:211-52999:212.

9003120679 Notification of contract execution, Mod 14, to "Direct Radiation Monitoring Program Requirements." Contractor: State of MI. CRAMPTON, S. Contract Administration Branch. FIN B-8451-0. NRC-30-83-644. 90/03/02. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). WIEDEMAN, D.G. NRC - No Detailed Affiliation Given. 1p. 52998:296-52998:298.

-9003120682 Mod 14, providing incremental funding for CY90, to "Direct Radiation Monitoring Program Requirements." \* Michigan, State of. HAGAN, T.F. Contract Administration Branch. FIN B-8451-0. NRC-30-83-644. 90/03/02. 2pp. 52998:297-52998:298.

9003120688 Notification of contract execution, Mod 14, to "Direct Radiation Monitoring Program Requirements." Contractor: State of MN. CRAMPTON, S. Contract Administration Branch. FIN B-8452-0. NRC-30-83-645. 90/03/02. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). WIEDEMAN, D.G. NRC - No Detailed Affiliation Given. 1p. 52999:299-52999:301.

-9003120691 Mod 14, providing incremental funding for CY90, to "Direct Radiation Monitoring Program Requirements." \* Minnesota, State of. HAGAN, T.F. Contract Administration Branch. FIN B-8452-0. NRC-30-83-645. 90/03/02. 2pp. 52998:300-52998:301.

9003120782 Notification of contract execution, Mod 12, to "Radiation Monitoring Program Requirements." Contractor: Univ of Iowa, Univ Hygienic Lab. CRAMPTON, S. Contract Administration Branch. FIN B-8456-0. NRC-30-83-648. 90/03/06. WEST, K.S. Planning, Program & Management Support Branch (Post 870411). HOUSLER, W.J. NRC - No Detailed Affiliation Given. 1p. 52999:206-52999:207.

-9003120798 Mod 12, providing incremental funds for CY90, to "Radiation Monitoring Program Requirements." \* Iowa, Univ. of Iowa City, IA. HAGAN, T.F. Division of Contracts & Property Management (Post 890205). FIN B-8456-0. NRC-30-83-648. 90/03/06. 1p. 52999:207-52999:207.

9003130442 Notification of contract execution, Mod 27, to "Operation of CNWRA - FFROC." Contractor: Southwest Research Inst. MEARSE, S.D. Contract Administration Branch. FIN B-6666. NRC-02-88-005. 90/03/05. FUNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413). FUNCHES, J.L. NRC - No Detailed Affiliation Given. 1p. 53015:078-53015:081.

-9003130461 Mod 27, obligating funds, to "Operation of CNWRA - FFROC." \* Southwest Research Institute. HAGAN, T.F. Division of Contracts & Property Management (Post 890205). FIN B-6666. NRC-02-88-005. 90/03/05. 3pp. 53015:079-53015:081.

9003130533 Notification of contract execution, Mod 5, to "Maint & Operation of LPDR." Contractor: Penfield Library (State Univ of New York at Oswego). CRAMPTON, S. Contract Administration Branch. FIN D-24160. NRC-10-87-441. 90/03/06. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). NORTHERN, S. NRC - No Detailed Affiliation Given. 1p. 52991:351-52991:352.

-9003130538 Mod 5, changing govt-furnished property, to "Maint & Operation of LPDR." \* New York, State Univ. of Oswego, NY. HAGAN, T.F. Contract Administration Branch. FIN D-24160. NRC-10-87-441. 90/03/06. 1p. 52991:352-52991:352.

9003140349 Notification of contract execution, Mod 2, to "On-Call Svc for Setup, Installation & Relocation of Microcomputer Hardware." Contractor: SBA Subcontractor: JCS. KNOX, E. Contract Administration Branch. FIN D-1405. NRC-39-89-163. 90/02/06. AMENTA, A.J. Office of Information Resources Management (Post 890205). MCCELVEY, K. NRC - No Detailed Affiliation Given. 1p. 53024:039-53024:043.

-9003140356 Mod 2, obligating funds, to "On-Call Svc for Setup, Installation & Relocation of Microcomputer Hardware." \* SMITH, L.P. Small Business Administration. ROBINSON, A.M. J.C. Services. MACE, M. Division of Contracts & Property Management (Post 890205). FIN D-1405. NRC-39-89-163. 90/02/06. 4pp. 53024:040-53024:043.

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9003140350 Notification of contract execution, "Training Effectiveness Workshop," awarded to DDL Omni Engineering Corp. UMBEL, D. Division of Contracts & Property Management (Post 890205). FIN L-12320 NRC-04-90-049 90/02/23. SHERON, B. Division of Systems Research (Post 880717). SCHENFELD, I. NRC - No Detailed Affiliation Given. 2pp 53018-040. 53016-224.

9003140370 Contract "Training Effectiveness Workshop," awarded to DDL Omni Engineering Corp. DOOLIN, L. DDL Omni Engineering Corp. WIGGINS, E. J. Division of Contracts & Property Management (Post 890205). FIN L-12320 NRC-04-90-049 90/02/23. 184pp 53016-041-53016-224.

9003140388 Notification of contract execution, Mod 1 to "Human Investigation Protocol" Contractor Sys Improvements, Inc. BAZIN, J. P. Division of Contracts & Property Management (Post 890205). FIN B-58760 NRC-04-90-078 90/02/23. SHERON, B. Division of Systems Research (Post 880717). RAMEY-SMITH, A. NRC - No Detailed Affiliation Given. 1p 53000-209-53000-262.

9003140401 Forwards executed Mod 1 to contract, "Human Investigation Protocol" WIGGINS, E. J. Contract Negotiation Branch 2 FIN B-58760 NRC-04-90-078 90/02/23. PARADISE, M. System Improvements, Inc. 1p 53000-210-53000-210.

9003140409 Mod 1, correcting Section H 1 re key personnel, to "Human Investigation Protocol" System Improvements, Inc. WIGGINS, E. J. Division of Contracts & Property Management (Post 890205). FIN B-58760 NRC-04-90-078 90/02/23. 1p 53000-211-53000-211.

9003140413 Forwards contract, "Human Investigation Protocol" A Ramey-Smith designated as project officer. WIGGINS, E. J. Division of Contracts & Property Management (Post 890205). FIN B-58760 NRC-04-90-078 90/02/23. PARADISE, M. System Improvements, Inc. 1p 53000-212-53000-212.

9003140449 Notification of contract execution, "Human Investigation Protocol," awarded to Sys Improvements, Inc. BAZIN, J. P. Contract Negotiation Branch 2 FIN B-58760 NRC-04-90-078 90/02/23. SHERON, B. Office of Nuclear Regulatory Research (Post 880720). RAMEY-SMITH, A. NRC - No Detailed Affiliation Given. 1p 53000-213-53000-213.

9003140454 Contract "Human Investigation Protocol," awarded to Sys Improvements, Inc. PARADISE, M. System Improvements, Inc. WIGGINS, E. J. Division of Contracts & Property Management (Post 890205). FIN B-58760 NRC-04-90-078 90/02/23. 49pp 53000-214-53000-262.

9003150017 Notification of contract execution, Mod 9 to "Seismological Investigations of Earthquakes in New Madrid Seismic Zone & Seismological Investigations of Northeastern Extension of New Madrid Seismic Zone." Contractor St Louis Univ. BRENNAN, P. Contract Administration Branch FIN D-18940 NRC-04-88-121 90/02/23. GUSTAVE, R. P. Program Management, Policy Development & Analysis Staff (Post 870413). ZURFLUEHE, NRC - No Detailed Affiliation Given. 1p 53033-108-53033-110.

9003150020 Mod 9, exercising 4th yr option, providing add funds & increasing ceiling amount, to "Seismological Investigations of Earthquakes in New Madrid Seismic Zone & Seismological Investigations of Northeastern Extension of New Madrid Seismic Zone." BRENNAN, D. G. St. Louis Univ., St. Louis, MO. BELL, S. Contract Administration Branch FIN D-18940 NRC-04-88-121 90/02/23. 4pp 53033-107-53033-110.

9003150038 Notification of cooperative agreement, Mod 1, to "Maint & Operation of LPDR." Contractor Univ of Nevada Reno Library. CUNNINGHAM, E. Property & Procurement Branch FIN D-24169 NRC-10-89-179 90/02/28. GRIMSLEY, D. H. Division of Freedom of Information & Publications Services (880515-90204). SOUDER, J. NRC - No Detailed Affiliation Given. 1p 53032-175-53032-177.

9003150042 Mod 1, changing monetary amount, to "Maint & Operation of LPDR." MOREHOUSE, H. G. Nevada, Univ. of, Reno, NV. NIEMEYER, E. Division of Contracts & Property Management (Post 890205). FIN D-24169 NRC-10-89-179 90/02/28. 1p 53032-176-53032-177.

9003150058 Notification of contract execution, Mod 3, to "On-Call Svc for Step-Up, Installation & Relocation of Microcomputer Hardware." Contractor SBA Subcontractor JC Svc. KNOX, E. Contract Administration Branch FIN D-1405-0 NRC-39-89-139 90/03/08. AMENTA, J. A. Office of Information Resources Management (Post 890205). MCELVEY, K. NRC - No Detailed Affiliation Given. 1p 53035-124-53035-126.

9003150063 Mod 3, providing incremental funding & increasing contract ceiling, to "On-Call Svc for Step-Up, Installation & Relocation of Microcomputer Hardware." Small Business Administration. J. C. Services, BELL, S. Division of Contracts & Property Management (Post 890205). FIN D-1405-0 NRC-39-89-139 90/03/08. 2pp 53035-125-53035-126.

9003150201 Notification of contract execution, Mod 22, to "ADP Sys Development." Contractor Sys Automation Corp. FIELDS, J. A. Contract Administration Branch FIN B-8166 NRC-33-87-224 90/03/02. KRUIZIC, P. Division of Computer & Telecommunications Services (Post 890205). SCHNAPPER, J. NRC - No Detailed Affiliation Given. 1p 53025-265-53025-268.

9003150208 Mod 22 providing incremental funds & adding clause re payment for overtime premiums, to "ADP Sys Development." CARSON, R. J. System Automation Corp. BELL, S. Division of Contracts & Property Management (Post 890205). FIN B-8166 NRC-33-87-224 90/03/02. 3pp 53025-265-53025-268.

9003150352 Notification of cooperative agreement, Mod 3, to "Maint & Operation of LPDR." Contractor Salem Free Publ. Library. CRAMPTON, S. A. Contract Administration Branch NRC-10-87-362. 90/02/20. GRIMSLEY, D. H. NORTHERN, S. S. NRC - No Detailed Affiliation Given. 1p 53022-025-53022-026.

9003150357 Mod 3, designating new project officer, to "Maint & Operation of LPDR." Salem, NJ. BELL, S. Contract Administration Branch NRC-10-87-362. 90/02/20. 1p 53022-026-53022-026.

9003150358 Notification of contract execution, Task Order 28, "Operating Licensing Exams Calvert Cliffs Nuclear Power Plant," to "Technical Assistance to Support Operator Licensing Activities." Contractor Sonalysts, Inc. BRENNAN, P. Contract Administration Branch FIN L-1289-0 NRC-03-89-031 90/02/26. WEST, K. S. Planning, Program & Management Support Branch (Post 870411). PULSIPHER, K. NRC - No Detailed Affiliation Given. 1p 53032-171-53032-174.

9003150387 Ltr Contract NRC-03-89-031, Task Order 28, "Operating Licensing Exams Calvert Cliffs Nuclear Power Plant," to "Technical Assistance to Support Operator Licensing Activities." BELL, S. Contract Administration Branch FIN L-1289-0 NRC-03-89-031. 90/02/23. PETERSON, L. R. Sonalysts, Inc. 3pp 53032-172-53032-174.

9003160003 Notification of contract execution, Task Order 17, "Indian Point 3 Reactor Exam," to contract "Technical Assistance to Administrator Operator Exam to Nuclear Plant Applicants," awarded to Sonalysts, Inc. BRENNAN, P. A. Contract Administration Branch FIN L-1283-0 NRC-03-89-031. 90/02/23. WEST, K. S. Policy Development & Technical Support Branch (Post 870411). PULSIPHER, K. NRC - No Detailed Affiliation Given. 1p 53060-046-53060-047.

9003160004 Ltr contract, canceling Task Order 17, "Indian Point 3 Reactor Exam," to contract "Technical Assistance to Administrator Operator Exam to Nuclear Plant Applicants," awarded to Sonalysts, Inc. BELL, S. Contract Administration Branch FIN L-1289-0 NRC-03-89-031. 90/02/23. PETERSON, L. R. Sonalysts, Inc. 1p 53060-047-53060-047.

9003160133 Notification of contract execution, "Radiation Embrittlement Damage Analysis & Predictions," awarded to Regents of Univ of California. EDGEMORTH, P. Contract Negotiation Branch 2 FIN L-12120 NRC-04-90-046 90/02/12. SHAOL, C. Division of Engineering (Post 870413). TABOADA, A. NRC - No Detailed Affiliation Given. 1p 53041-061-53041-109.

9003160135 Ltr Contract NRC-04-90-046, "Radiation Embrittlement Damage Analysis & Predictions," awarded to Regents of Univ of California. WIGGINS, E. J. Division of Contracts & Property Management (Post 890205). FIN L-12120 NRC-04-90-046 90/03/05. WHITACARE, C. California, Univ. of, Santa Barbara, CA. 48pp 53041-062-53041-109.

9003160181 Notification of contract execution, Task Order 32, "Attendance at Counterpart & Numerik Meetings," to contract "Technical Assistance to Support Operator Licensing Activities," awarded to Sonalysts, Inc. BRENNAN, P. Contract Administration Branch FIN L-1289-0 NRC-03-89-031. 90/02/26. WEST, K. S. Policy Development & Technical Support Branch (Post 870411). PULSIPHER, K. NRC - No Detailed Affiliation Given. 1p 53060-038-53060-041.

9003160173 Ltr Contract, Task Order 32, "Attendance at Counterpart & Numerik Meetings," to contract "Technical Assistance to Support Operator Licensing Activities," awarded to Sonalysts, Inc. BELL, S. Division of Contracts & Property Management (Post 890205). FIN L-1289-0 NRC-03-89-031 90/02/23. PETERSON, L. R. Sonalysts, Inc. 3pp 53060-038-53060-041.

9003160206 Notification of contract execution, Mod 10, to "Data Entry/Processing FBI Cards, Criminal History File." Contractor SBA Subcontractor Konrob & Assoc. Inc. HUGHES, A. Contract Administration Branch NRC-33-87-225 90/03/02. GRADY, R. J. Division of Security (Post 890205). CAREY, E. NRC - No Detailed Affiliation Given. 1p 53060-281-53060-284.

9003160211 Mod 10, extending period of performance, to "Data Entry/Processing FBI Cards, Criminal History File." FOGEL, J. T. Small Business Administration. ROBINSON, K. W. Konrob & Associates, Inc. MACE, M. H. Division of Contracts & Property Management (Post 890205). NRC-33-87-225 90/03/02. 3pp 53060-282-53060-284.

9003160274 Notification of contract execution, Mod 9, to "2x4 B&W Simulation Loop." Contractor Univ of Maryland. BRENNAN, P. Contract Administration Branch FIN D-16390 NRC-04-88-101 90/02/26. SHERON, B. Office of Nuclear Reactor Regulation, Director (Post 870411). SCOTT, H. NRC - No Detailed Affiliation Given. 1p 53041-032-53041-034.

9003160278 Mod 9, extending period of performance & providing preliminary notice to extend notice, to "2x4 B&W Simulation Loop." MEDINA, V. Maryland, Univ. of, College Park, MD. BELL, S. Contract Administration Branch FIN D-16390 NRC-04-88-101 90/02/26. 2pp 53041-033-53041-034.

9003160310 Notification of contract execution, Mod 9, to "Telecommunication Svcs to Support ENS & HPN at Three Sites." Contractor Southern New England Telephone Co. HUGHES, A. Contract Administration Branch FIN D-1851-0 NRC-10-89-268 90/03/09. KRUIZIC, P. Division of Computer & Telecommunications Services (Post 890205). RICKERT, H. NRC - No Detailed Affiliation Given. 1p 53049-037-53049-038.

9003160312 Mod 9, changing project officer, to "Telecommunication Svcs to Support ENS & HPN at Three Sites." Southern New England Telephone Co. HAGAN, T. F. Division of Contracts & Property Management (Post 890205). FIN D-1851-0 NRC-10-89-268 90/03/09. 2pp 53049-038-53049-039.

9003160317 Notification of contract execution, Mod 5, to "On-Call Maint of NRC Peripheral Computer Equipment." Contractor Computer Maint & Parts Corp. KNOX, E. Contract Administration Branch FIN D-1917-9 NRC-39-88-249 90/03/02. KRUIZIC, P. G. Division of Computer & Telecommunications Services (Post 890205). JOHNSON, C. NRC - No Detailed Affiliation Given. 1p 53036-286-53036-287.

9003160320 Mod 5, adding add equipment to be maintained under Subsection C.1.1 of Section C.1, "Statement of Work," to "On-Call Maint of NRC Peripheral Computer Equipment." STOVALL, D. Computer Maintenance & Parts Corp. BELL, S. Division of Contracts & Property Management (Post 890205). FIN D-1917-9 NRC-39-88-249 90/03/02. 1p 53036-287-53036-287.

9003190389 Corrected notification of contract execution, Mod 3, to "On-Call Service for Step-Up, Installation & Relocation of Microcomputer Hardware." Contractor SBA/JC Svc. KNOX, E. Contract Administration Branch FIN D-1405-0 NRC-39-89-163 90/03/08. AMENTA, J. Office of Information Resources Management (Post 890205). MCELVEY, K. NRC - No Detailed Affiliation Given. 1p 53049-360-53049-360.

**9003190373** Notification of contract execution,Mod 7.1o "Memphis Area Regional Seismographic Network,New Madrid" Contractor, Memphis State Univ.  
BRENNAN,P. Contract Administration Branch FIN D-16930 NRC-04-86-120 90/03/03 GUSTAVE,R.P. Program Management, Policy Development & Analysis Staff (Post 870413). ZURFLUEHE NRC - No Detailed Affiliation Given 1p 53067.321.  
53067.325

**9003190374** Mod 7,exercising fourth 1-yr option providing funding revising key personnel,indirect rate & travel reimbursement clauses & increasing total amount of contract to "Memphis Area Regional Seismographic Network-New Madrid"  
SEGNER,E.P. Memphis State Univ., Memphis, TN BELLS Contract Administration Branch, FIN D-16930 NRC-04-86-120 90/03/03 4pp 53067.322-53067.325

**9003190377** Notification of contract execution,Mod 1,Task Order 004, to "Rulemaking & Regulatory Analysis Support for Requirements Involving Physical Mod to NRC-Licensed Facilities" Contractor,Science & Engineering Assoc Inc.  
BRENNAN,P.A. Contract Administration Branch, FIN D-25129 NRC-04-89-051 90/03/13 MORRIS,W.M. Office of Nuclear Regulatory Research (Post 860720)  
GUSTAVE,R.P. Program Management, Policy Development & Analysis Staff (Post 870413) FELDS NRC - No Detailed Affiliation Given 1p 53067.319-53067.320

**9003190378** Ltr Contract NRC-04-89-051 Mod 1,awarding Task 004, to "Rulemaking & Regulatory Analysis Support for Requirements Involving Physical Mod to NRC-Licensed Facilities."  
BELLS Contract Administration Branch, FIN D-25129 NRC-04-89-051 90/03/13 COLLINS Science & Engineering Associates, Inc 5pp 53067.320-53067.321

**9003200296** Notification of contract execution,Task Order 006, "Rulemaking Support for Proposed Rule re Emergency Telecommunications Sys Upgrade," under Contract NRC-04-89-051 Contractor,Science & Engineering Assoc,Inc  
BRENNAN,P.A. Contract Administration Branch, FIN D-25129 NRC-04-89-051 90/02/23 MORRIS,W.M. Office of Nuclear Regulatory Research (Post 860720) FELDS NRC - No Detailed Affiliation Given 1p 53071.161-53071.166

**9003200298** Ltr contract,Task Order 6, "Rulemaking Support for Proposed Rule re Emergency Telecommunications Sys Upgrade" to Contract NRC-04-89-051, "Rulemaking & Regulatory Analysis Support for Requirements Involving Physical Mod to NRC-Licensed Facilities" Contractor,Science & Engineering Assoc,Inc  
BELLS Contract Administration Branch, FIN D-25129 NRC-04-89-051 90/02/11 COLLINS Science & Engineering Associates, Inc 5pp 53071.162-53071.166

**9003220110** Notification of contract execution,Mod 1.1o "Verbatim Reporting Svcs" Contractor,Ann Riley & Associates Ltd  
KNOX,E. Contract Administration Branch, FIN D-81830 NRC-21-89-348 90/03/15 COTTER,H.P. Atomic Safety and Licensing Board Panel LEINSE NRC - No Detailed Affiliation Given 1p 53112.260-53112.270

**9003220124** Mod 1,providing incremental funding & adding addl project officers, to Verbatim Reporting Svcs  
\* Ann Riley & Associates BELLS Contract Administration Branch, FIN D-81830 NRC-21-89-348 90/03/15 21pp 53112.269-53112.270

**9003220129** Notification of contract execution,Mod 7.1o "Internal Control Reviews" Contractor,SEA/Irving Burton Assoc,Inc  
FELDS,J. Contract Administration Branch, FIN D-14350 NRC-10-87-335 90/03/15 SCHOGGINS,H.M. Office of the Controller (Post 800205). BLACK,E. NRC - No Detailed Affiliation Given 1p 53113.275-53113.276

**9003220133** Mod 7,Increasing funds to "Internal Control Reviews."  
\* Small Business Administration \* Irving Burton Associates, Inc BELLS Division of Contracts & Property Management (Post 800205) FIN D-14350 NRC-10-87-335 90/03/15 1p 53113.276-53113.276

**9003220130** Notification of contract execution,Mod 4.1o "Ofc Moving Svcs" Contractor,SEA/Alliance Moving & Storage,Inc  
KNOX,E. Contract Administration Branch, FIN D-23540 NRC-39-89-129 90/03/12 MATTHEW,J. Division of Contracts & Property Management (Post 800205) HUBBELL,H. NRC - No Detailed Affiliation Given 1p 53113.277-53113.280

**9003220140** Mod 4,making administrative changes to recognize contracting officer as only authorized person to place orders under contract for "Ofc Moving Svcs"  
\* Small Business Administration \* Alliance Moving & Storage, Inc BELLS Division of Contracts & Property Management (Post 800205) FIN D-23540 NRC-39-89-129 90/03/12 3pp 53113.278-53113.280

**9003220224** Notification of contract execution,Mod 3.1o "Oklahoma Seismic Network" Contractor,Univ of Oklahoma  
BRENNAN,P. Contract Administration Branch, FIN D-2006-9 NRC-04-87-083 90/02/29 GUSTAVE,R.P. Program Management, Policy Development & Analysis Staff (Post 870413). ZURFLUEHE NRC - No Detailed Affiliation Given 1p 53123.006-53123.010

**9003220227** Mod 3,exercising third 1-yr opt on,providing incremental funding,increasing total estimated cost,revoking indirect rate clause & removing travel reimbursement clause to "Oklahoma Seismic Network"  
QUINN,B. Oklahoma Univ. of Norman, OK BELLS Contract Administration Branch, FIN D-2006-9 NRC-04-87-083 90/02/28 4pp 53123.007-53123.010

**9003230162** Notification of contract execution,Mod 3.1o "Preventive, Remedial & On-Call Maint of Data General Computers & Peripheral Equipment" Contractor,Data General Corp.  
KNOX,E. Contract Administration Branch, FIN B-1663-0 NRC-33-89-137 90/03/13 MESSENGER,G. Division of Information Support Services (Post 800205) KNOX,E. NRC - No Detailed Affiliation Given 1p 53140.067-53140.077

**9003230166** Mod 3,providing incremental funding & updating list of computer equipment to be maintained under contract to "Preventive,Remedial & On-Call Maint of Data General Computers & Peripheral Equipment"  
HOYT,J. Data General Corp. BELLS Contract Administration Branch, FIN B-1663-0 NRC-33-89-137 90/03/13 10pp 53140.068-53140.077

**9003230173** Notification of contract execution,Mod 3.1o "Analysis of State-of-the-Art Methods for Containment Integrated Leak Rate Testing" Contractor,Sentry Equipment Corp.  
KNOX,E. Contract Administration Branch, FIN D-2509-9 NRC-04-88-108 90/03/13 ARLOTTO,G. Office of Nuclear Regulatory Research (Post 800720) MORRIS,W. NRC - No Detailed Affiliation Given 1p 53173.357-53173.359

**9003230183** Mod 3,modifying statement of work to delete portion of work by replacement w/new requirement at no addl cost, to "Analysis of State-of-the-Art Methods for Containment Integrated Leak Rate Testing."  
FARRELL,M.O. Sentry Equipment Corp, FIN D-2509-9 NRC-04-88-108 90/03/13 2pp 53173.358-53173.359

**9003230184** Notification of contract execution,Mod 3.1o "Diagnostic Evaluations" Contractor,Parameter,Inc  
DUBOSE,B.J. Contract Administration Branch, NRC-26-89-289 89/12/26 SPEARMAN,R.L. Division of Operational Assessment (Post 870413) BAILY,H. NRC - No Detailed Affiliation Given 1p 53146.058-53146.059

**9003230188** Mod 3,adding new clause to Section H on contract requirements, to "Diagnostic Evaluations" Contractor,Parameter,Inc  
LOFF,R.A. PARAMETER, Inc, MACE,M.H. Contract Administration Branch, NRC-26-89-289 89/12/26 2pp 53146.059-53146.060

## FOIA FREEDOM OF INFORMATION ACT REQUESTS AND RELEASES

**9003010009** FOIA request for all license applications,licenses issued by AEC or NRC & documents re licenses to Allied Chemical for UF6 processing plant at Metropolis,IL & documents reflecting indemnification agreements between licensee & NRC  
CROUSE,P.J. Grant, McHendrie, Haines & Crouse 89/12/20 GRIMBLEY,D.H. Division of Freedom of Information & Publications Services (Post 890205) 2pp 52727.300-52727.301

**9003010016** Partial response to FOIA request for records App A & B records available in PDR Forwards App A records  
PHILIPS,J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 CROUSE,P.J. Grant, McHendrie, Haines & Crouse 983pp 52727.302-52729.204

**8410040450** Informs that employee received accidental natural U intake in excess of 40 MPC/h on 8/6/904,Proprietary evaluation of exposure,identification of individual & investigation of accident with-held  
COLLA,A.J. Allied Chemical Corp 84/09/25 KEPLER,J.G. Region 3, Ofc of the Director 1p 52729.286-52729.288

**8503080407** "Facility Efficient Repl for 840701-850101" W/850222 Jr.  
COLLA,A.J. Allied Chemical Corp. 85/01/01 3pp 52729.299-52729.301

**8704220137** Advises that UF6 cylinder stiffening ring investigation performed per NRC 870423 conformity action R Visual insp of 98 of 103 cylinders revealed no cracks in stiffening rings,Reqs administrative hold on cylinders be removed  
HONEY,H. Allied Signal Corp, P-476-280-508 87/04/10 SHAFER,W.D. Region 3, Ofc of the Director 6pp 52729.311-52729.316

**9003010021** Safety insp on 641027-28 of License SUB-526 Insp findings: records of surveys or disposals not properly maintained per 10CFR20.401(b)  
ASHLEY,E.G. Atomic Energy Commission (Pre 750101) \* Allied Chemical Corp 64/10/28 7pp 52728.040-52728.046

**9003010023** Amend to License SUB-526 for Allied Chemical Corp renewing License LAYFIELD,R.L. Atomic Energy Commission (Pre 750101) 65/03/10 2pp 52728.047-52728.049

**9003010026** Amend to License SUB-526 for Allied Chemical Corp, authorizing possession & use of 750,000 lb natural U.  
NUSSBAUM,F.D.A. Atomic Energy Commission (Pre 750101) 62/01/26 1p 52728.049-52728.049

**9003010029** Amend to License SUB-526 for Allied Chemical Corp, authorizing possession & use of twenty million lbs U at listed location  
HARMON,D.F. Atomic Energy Commission (Pre 750101) 68/02/16 2pp 52728.050-52728.051

**9003010031** Amend to License SUB-526 for Allied Chemical Corp, authorizing possession & use of fifty million lbs natural U at listed location  
ROUSE,L.C. Division of Fuel Cycle & Material Safety (Pre 870413) 77/05/18 2pp 52728.052-52728.053

**9003010041** Amend to License SUB-526 for Allied Chemical Corp, authorizing possession & use of fifty million pounds natural U,100 mCi Cs-137, 01 mCi Am-241 & .01 mCi Th-232  
ROUSE,L.C. Division of Fuel Cycle & Material Safety (Pre 870413) 77/08/15 2pp 52728.054-52728.055

**9003010048** Amend to License SUB-526 for Allied Chemical Corp, authorizing possession & use of 68 million kg natural U & 300 mCi Cs-137 at listed location  
CHOW,W.T. Division of Fuel Cycle & Material Safety (Pre 870413) 85/05/28 5pp 52728.056-52728.059

**9003010049** Safety insp on 660426 of License SUB-526 Insp findings no noncompliance noted.  
\* Atomic Energy Commission (Pre 750101) \* Allied Chemical Corp. 66/04/26 7pp 52728.061-52728.067

**9003010058** Safety insp on 671018 of License SUB-526 Insp findings: records of surveys or disposals not properly maintained per 10CFR20.401(b).  
HAMPLEMAN,C.D. Atomic Energy Commission (Pre 750101) \* Allied Chemical Corp. 67/11/02 10pp 52728.068-52728.077

**9003010061** Application for renewal of License SUB-526,authorizing possession & use of 20,000,000 lb natural U.  
KOCH,W.C. Allied Chemical Corp. 67/11/10 17pp 52728.078-52728.094

**9003010070** Requests position &/or corrective steps taken re violations noted in insp of License SUB-526 on 681028-30.  
GRIER,B.H. Atomic Energy Commission (Pre 750101) 68/11/20 CALKINS,H. Allied Chemical Corp 1p 52728.095-52728.095

- studies established personnel exposure to airborne rad activity.  
HUTER, L.J. Atomic Energy Commission (Pre 750101) \* Allied Chemical Corp 68/11/20 32pp 52728 095-52728 127.
- 9003010097 Safety insp on 700519-20 of License SUB-526 insp findings: no noncompliance noted.  
HUTER, L.J. Atomic Energy Commission (Pre 750101) \* Allied Chemical Corp 70/05/20 1p 52728 128-52728 128
- 9003010100 Advises that no response necessary for insp of License SUB-526 or 700519-20.  
HUTER, L.J. Atomic Energy Commission (Pre 750101) 70/03/12 BISHOP, J.C. Allied Chemical Corp 36pp 52728 129-52728 164
- 9003010103 Withdraws request for permission to conduct onsite burial operations for low specific activity solid waste, per AEC 701027 IR Revised approval and WRO on BISHOP, J.C. Allied Chemical Corp 70/02/04 LAYFELD, R.L. Atomic Energy Commission (Pre 750101) 1p 52728 165-52728 165
- 9003010108 Advises that licensee radiation safety program continues to be judged by inspector to be adequate & conducted by competent personnel per health physics analysis.  
HUTER, L.J. Atomic Energy Commission (Pre 750101) 71/06/16 ALLAN, J.M. Atomic Energy Commission (Pre 750101) 33pp 52728 166-52728 189
- 9003010115 Advises that inspector continues to evaluate licensee radiation safety program as adequate & being conducted by competent personnel.  
HUTER, L.J. Region III, IE (720101-810228) 72/05/16 ALLAN, J.M. Region III, IE (720101-810228) 23pp 52728 159-52728 221
- 9003010124 Safety insp on 720615-16 of License SUB-526 insp findings: no noncompliance noted.  
HUTER, L.J. Region III, IE (720101-810228) \* Allied Chemical Corp 72/05/16 1p 52728 222-52728 222
- 9003010129 Safety insp on 730911-12 of License SUB-526 & 12-05513 U.S. Ins. findings no violations noted.  
\* Region III, IE (720101-810228) \* Allied Chemical Corp 73/09/12 1p 52728 223-52728 223
- 9003010136 Advises that Region III notified on 740404 of arrival of shipment of natural U in damaged condition. Loose drums off loaded spilled mail returned to drums & car decontaminated.  
GRANT, W.B. Region III, IE (720101-810228) 74/04/10 Region III, IE (720101-810228) 21pp 52728 224-52728 241
- 9003010140 Discusses insp of License SUB-526 on 750127-28 Noncompliance noted.  
ALLAN, J.M. Region III, IE (720101-810228) 75/02/14 RILEY, A.D. Allied Chemical Corp 28pp 52728 245-52728 272
- 9003010145 Ack receipt of 750218 IR informing AEC of steps taken to correct non-compliance noted in insp.  
ALLAN, J.M. Region III, IE (720101-810228) 75/03/13 RILEY, A.D. Allied Chemical Corp 1p 52728 273-52728 273
- 9003010151 Forwards corrective steps taken to correct activities which appear to be in noncompliance w/NRC requirements.  
RILEY, A.D. Allied Chemical Corp 75/02/18 ALLAN, J.M. Region III, IE (720101-810228) 1p 52728 274-52728 274
- 9003010157 Responds to IE Bureh 75-07 re exothermic reaction of nitric acid or nitrogen oxide gases w/cellulose mats. UFB conversion process does not utilize nitric acid or HEPA filters.  
RILEY, A.D. Allied Chemical Corp. IEB-75-07. 75/12/05. KEPPLER, J.G. Region III, IE (720101-810228) 1p 52728 275-52728 275
- 9003010182 Confirms 751205 telcon w/Leveaux informing of incident re abnormal failure of three 1-inch Superior valves. Superior Valve Co notified & investigation currently underway to determine cause.  
RILEY, A.D. Allied Chemical Corp 75/12/11 Region III, IE (720101-810228) 1p 52728 276-52728 276
- 9003010183 Informs of abnormal failure of three 1-inch Superior valves. Superior Valve Co notified & investigation currently underway to determine cause.  
RILEY, A.D. Allied Chemical Corp. 75/12/10. Region III, IE (720101-810228) 1p 52728 277-52728 277
- 9003010188 Assigns responsibility for insp of Allied Chemical Corp & Lucius Pitkin Co to Fuel Facility Projects & Radiation Support Section.  
ALLAN, J.M. Fuel Facility & Materials Safety Branch, R3. 76/01/07. FISHER, W.L., LONGERGAN, G.T. Region III, IE (720101-810228) 29pp 52728 278-52728 308
- 9003010189 Responds to NRC 760112 IR re violations noted in Insp of License SUB-526. Corrective actions evaluation made of probable exposure received by each employee & adjustments made to exposure record for 1975.  
RILEY, A.D. Allied Chemical Corp. 76/01/27. ALLAN, J.M. Fuel Facility & Materials Safety Branch, R3. 2pp 52728 307-52728 308
- 9003010178 PNO-III-78-009 on 760220, sabotage reported on U ore concentrates imported from South Africa. Ship will be surveyed upon return to Baltimore, MD.  
DONAHUE, J.F., HIND, J.A., KEPPLER, J.G. Region III, IE (720101-810228) 76/02/20 2pp 52728 309-52728 310
- 9003010179 Notifies of weight discrepancy of approx 300 lb discovered in shipment of natural U ore concentrates from Nuclear Fuels Corp of South Africa. Cause undetermined. Permanent documents re shipper-receiver weight discrepancy encl.  
BISHOP, J.C. Allied Chemical Corp. 76/02/04. KEPPLER, J.G. Region III, IE (720101-810228) 12pp 52728 311-52728 322
- 9003010182 Forwards inquiry re report of weight discrepancy on drum of ore concentrate received from South Africa.  
HIND, J.A. Region III, IE (720101-810228) 76/02/23. MARTIN, W. Region I, IE (720101-810228) 5pp 52728 323-52728 327
- 9003010183 Forwards PNO-III-78-009 re reported shortage of U ore concentrates imported from South Africa w/o encl.  
HIND, J.A. Region III, IE (720101-810228) 76/02/20. ROY, G.W. Office of Inspection & Enforcement (750101-801210) 1p 52728 328-52728 328
- 9003010189 Forwards forward report covering emission sampling taken at Allied Chemical Corp on 751216.  
PAGLIARO, J.A. Region II, IE (720101-810228) 76/04/05. LONGERGAN, G.T. Region III, IE (720101-810228) 11pp 52728 335-52728 345
- 9003010184 Facility Effluent Rept for 760101-0701 "W/760372 IR".  
RILEY, A.D. Allied Chemical Corp 76/07/01. 2pp 52728 346-52728 347
- 9003010188 Forwards PNO-III-76-069 re U ore concentrate shipping accident.  
ALLAN, J.M. Region III, IE (720101-810228) 76/08/28. ROY, G.W. Office of Inspection & Enforcement (750101-801210) 1p 52728 348-52728 348
- 9003010201 PNO-III-76-066 on 760225, truck shipment of 72 drums of U yellowcake involved in accident w/passenger car shipment encl. 1 by State of Ohio Easter Sevens Agency & 2 encl. 1 by State of Ohio. ALLAN, J.M. Region III, IE (720101-810228) 76/08/27 1p 52728 349-52728 349
- 9003010205 Forwards PNO-III-76-069 re apparent personnel medical problems resulting from 1959 accident.  
ALLAN, J.M. Fuel Facility & Materials Safety Branch, R3. 76/10/05. ROY, G.W. Office of Inspection & Enforcement (750101-801210) 1p 52728 350-52728 350
- 9003010209 PNO-III-76-068 on 761004, notified that employee involved in Nov 1962 UFB release shows irreversible pulmonary injury.  
FISHER, W.L., ALLAN, J.M. Region III, IE (720101-810228) 76/10/05 3pp 52728 351-52728 353
- 9003010210 Facility Effluent Rept for 760101-770101 "W/770126 IR".  
RILEY, A.D. Allied Chemical Corp 77/01/01. 10pp 52728 354-52728 003
- 9003010213 Advises that commitments in application for amendment to License SUB-526, respect to no unrefined uranium, exist.  
ALLAN, J.M. Region III, IE (720101-810228) 77/05/12. ROUSE, L.C. Fuel Process & Fab. Branch (Pre 760227) 1p 52728 004-52728 004
- 9003010214 Requests that listed items be deleted from summary of findings of insp Rept 40-3392/77-01 & be treated as proprietary.  
RILEY, A.D. Allied Chemical Corp 77/05/17. ALLAN, J.M. Region III, IE (720101-810228) 1p 52728 005-52728 005
- 9003010217 Ack receipt of 770505 & 17 IRs informing AEC of steps taken to correct violations noted in Insp Rept 40-3392/77-01.  
ALLAN, J.M. Region III, IE (720101-810228) 77/05/27. RILEY, A.D. Allied Chemical Corp 1p 52728 006-52728 006
- 9003010220 Facility Effluent Rept for 760101-0701 "W/770815 IR".  
RILEY, A.D. Allied Chemical Corp 77/01/01. 24pp 52728 007-52728 030
- 9003010228 Facility Effluent Rept for 770101-760101 "W/760227 IR".  
RILEY, A.D. Allied Chemical Corp 78/01/01. 5pp 52728 031-52728 035
- 9003010233 PNO-III-78-005 on 790117, 12 DOT 17.1 55 gallon drums left from water truck to ground along Interstate I-70 East All 12 drums remained intact. Drums loaded onto another trailer & sent on to Allied Chemical Corp plant.  
DAVIS, A.B., FISHER, W.L. Region III, IE (720101-810228) 79/01/10 1p 52728 036-52728 036
- 9003010235 Facility Effluent Rept for 760101-760101 "W/760306 IR".  
THOMAS, J.H. Allied Chemical Corp 70/01/01. 3pp 52728 037-52728 039
- 9003010238 Provides listed info re security surveys of licensees possessing low enriched U.  
KEPPLER, J.G. Region III, IE (720101-810228) 79/05/24. HOWARD, E.M. Division of Safeguards Inspection, IE (750101-801210) 2pp 52728 040-52728 041
- 9003010240 Confirms 800131 telcon w/CC Peck re equipment failure to ore concentrate calculator.  
HANSON, B.J. Allied Chemical Corp. 80/02/01. Region III, IE (720101-810228) 2pp 52728 042-52728 043
- 9003010244 Responds to 800303 memo re occupational ALARA requirements for U fuel fabrication facilities.  
DAVIS, A.B. Region III, IE (720101-810228) 80/03/19. HIGGINBOTHAM, L. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210) 1p 52728 044-52728 044
- 9003010246 Facility Effluent Rept for 800101-0701 "W/800814 IR".  
CIPOLLA, A.J. Allied Chemical Corp 80/07/01. 5pp 52728 045-52728 049
- 9003010248 Advises that permit to dispose of low level radioactive waste in State of NY suspended due to small spill of solid mail from bottom of shipping containers. Insp of QA program requested.  
CIPOLLA, A.J. Allied Chemical Corp 80/08/10. PECK, C.C. Region III, IE (720101-810228) 4pp 52728 050-52728 053
- 9003010252 Confirms 801006 telcon w/CC Peck re apparent alarm failure resulting in listed equipment damage.  
CIPOLLA, A.J. Allied Chemical Corp. 80/10/08. Region III, IE (720101-810228) 1p 52728 054-52728 054
- 9003010253 Confirms 801008 telcon w/CC Peck re reportable incident.  
CIPOLLA, A.J. Allied Chemical Corp. 80/10/08. Region III, IE (720101-810228) 2pp 52728 055-52728 056

**1010255** Notification of 810227 enforcement conference/SALP meeting in Region  
Region III, IE (720101-810228). 81/02/20. Region III, IE (720101-810228) 1p  
25. 057-52729.057.

**1010258** "Facility Effluent Rept for 800701-810101." W/810220 ltr  
J.L.A.A.J. Allied Chemical Corp. 80/01/01. 4pp. 52729.058-52729.061.

**1010263** Discusses 900506 alleged overexposure of employee at Allied Chemical  
Company placed employee on full face respirator & returned employee to pos-  
ition of dumping drums  
L.C.H. Reg on III, IE (720101-810228) 81/03/05 Region III, IE (720101-810228)  
52729.062-52729.064

**1010266** Notices that individual in facility received accidental inhalation exposure  
to UCN 810721. Rept details encl.  
J.L.A.A.J. Allied Chemical Corp. 01/08/14 KEPLER,J.G. Region III, IE (720101-  
810228) 8pp 52729.065-52729.072

**1010268** "Facility Effluent Rept for 810101-0701." W/810921 ltr  
J.L.A.A.J. Allied Chemical Corp. 81/07/01. 189pp 52729.073-52729.271

**1010272** Forwards Insp Rept 40-3302/81-02 No civil penalty assigned for Safety  
violation  
IN:CK,RF. Region 3, Ofc of the Director (810301-820201). 82/01/28  
IERMAN,J. Ofc of Inspection & Enforcement, Director (820201-870413) 1p  
52729.272-52729.272

**1010274** Forwards IE Info Notice 80-32,Rev 1,clarifying & amending three para-  
graphs & app.  
PLER,J.G. Region 3, Ofc of the Director (810301-820201). IEIN 80-32 82/02/12  
on 3. Ofc of the Director (810301-820201). 1p 52729.273-52729.273

**1010277** "Facility Effluent Rept for 820701-830101." W/830224 ltr  
J.L.A.A.J. Allied Chemical Corp. 83/01/01. 3pp 52729.274-52729.276

**1010279** Responds to IE Bulletin 83-07, "Apparently Fraudulent Products Sold by  
"for Inc." No sub products found.  
J.L.A.A.J. Allied Chemical Corp. IE 83-07. 83/10/14 Reg on 3, Ofc of the Direc-  
tor (810301-820201). 1p. 52729.277-52729.277

**1010282** "Facility Effluent Rept for 830701-840101." W/840220 ltr  
J.L.A.A.J. Allied Chemical Corp. 84/01/01. 3pp. 52729.278-52729.280

**1010286** Trip rept of 840508-10 visit to listed facilities to orient new Region III reg-  
ional fuel facility sites & personnel to discuss recent developments within NRC  
of facility licensing activities & review activities.  
NCEG,M. Region 3, Ofc of the Director. 84/05/23. Region 3, Ofc of the Director  
52729.281-52729.282

**1010291** "Facility Effluent Rept for 840101-0701." W/840820 ltr  
J.L.A.A.J. Allied Chemical Corp. 84/07/01. 3pp. 52729.283-52729.285

**1010294** "Exposure Evaluation"  
of Chemical Corp. 84/09/25. 10pp. 52729.287-52729.296

**1010295** Discusses 850102 telcon re scheduling meeting w/ licensee staff on  
17 at Reg on III ofc to discuss results of radiation protection insp on 851129-30 &  
-05, proposed corrective actions & NRC enforcement options.  
J.A. Region 3, Ofc of the Director. 85/01/04. CIPOLLA,A.J. Allied Chemical  
Corp. 2pp. 52729.297-52729.298.

**1010298** "Facility Effluent Rept for 850101-0701." W/850919 ltr  
J.L.A.A.J. Allied Chemical Corp. 85/07/01. 2pp. 52729.302-52729.303

**1010300** Confirms verbal notification on 860410 re mfg deviation of UF6  
for corrective actions listed.  
OP,J.C. Allied Chemical Corp. 86/04/11. KEPLER,J.G. Region 3, Ofc of the Di-  
r. 2pp. 52729.304-52729.305.

**1010303** Responds to JC Bishop 860716 ltr requesting 30-day extension to pre-  
response to notice of violation & proposed imposition of civil penalty issued on  
27. Request granted.  
PLER,J.G. Region 3, Ofc of the Director. 86/07/22. TAUTON,L.R. Allied Chemical  
Corp. 1p. 52729.306-52729.306.

**1010305** "Facility Effluent Rept for 860101-0701." W/860822 ltr  
OP,J.C. Allied Chemical Corp. 86/07/01. 3pp. 52729.307-52729.309.

**1010309** Discusses April 1987 telcon w/J Honey re Sequoyah Fuels Corp receiving  
report of yellowcake from South Africa.  
FER,J.G. Region 3, Ofc of the Director. 87/05/13. WEIL,C.H. Region 3, Ofc of  
Director. 1p. 52729.310-52729.310.

**1010314** Notices that recently discovered packing nut failure on UF6 cylinder valve  
is not per 10CFR21. Evaluation of defect listed.  
OP,J.C. Allied Chemical Corp. 87/07/31. SHAFFER,W.D. Region 3, Ofc of the Di-  
r. 2pp. 52729.318-52729.318.

**1010317** Confirms telcon w/G France re potential problems in installation of 1-inch  
flange valves into UF6 cylinders. Info re matter listed.  
OP,J.C. Allied Chemical Corp. 87/08/03. SHAFFER,W.D. Region 3, Ofc of the Di-  
r. 2pp. 52729.320-52729.321.

**1010320** "Facility Effluent Rept for 880101-0701." W/880822 ltr.  
OP,J.C. Allied Chemical Corp. 88/07/01. 3pp. 52729.322-52729.324.

**1010322** "Facility Effluent Rept for 870701-880101." W/880211 ltr.  
OP,J.C. Allied Chemical Corp. 88/01/01. 3pp. 52729.325-52729.327.

**1010324** "Facility Effluent Rept for 880701-890101." W/890220 ltr.  
OP,J.C. Allied Chemical Corp. 89/01/01. 3pp. 52729.328-52729.330.

**1010332** Informs of 890502 Safety Assessment Team meeting to discuss individual  
inabilities & areas to be inspected for team members.  
JIAVSKI,D.J. Region 3, Ofc of the Director. 89/04/27. ROUSE,L.C. Fuel Cycle  
y Branch. 1p. 52729.331-52729.331.

**--9003010333** Confirms substance of telcon re Safety Assessment Team insp scheduled  
for 890515-19 at Metropolitan Works.  
SRENIANSKI,D.J. Reg on 3, Ofc of the Director. 89/05/10 BISHOP,J.C. Allied Chem-  
ical Corp. 2pp 52729.332-52729.333

**--9003010338** Forwards State of IL H B 2310, per 890531 telcon.  
FRANCE,G.M. Reg on 3, Ofc of the Director. 89/06/02 BISHOP,J.C. Allied Chemical  
Corp. 17pp 52729.334-52730.204

**9003020091** FOIA request for documents re Pro-Technics Intl, Pro-Technics Intl or  
Spectra Tek Svcs compliance history during period 860915-881231  
HICKS,D.W. R/A Services, Inc. 90/01/08 ROBINSON,L.L. NRC - No Dated Affil-  
ation Given. 1p 52785.050-52785.050.

**9003020108** Final response to FOIA request for documents Forwards documents listed  
in App A documents also available in PDR App B documents withheld in part  
for FOIA Exemption 6  
GRIMSLEY,D.H. Division of Freedom of Information & Publications Services (Post  
890205) 90/02/28. HICKS,D.W. R/A Services, Inc. 4pp 52785.051-52785.186

**--8806120122** Amend 1 to License 05-23135-01 for Pro-Technics, Inc. amending license  
in entirety  
WHITTEN,J.E. Region 4, Ofc of the Director. 86/07/15. 3pp. 52785.055-52785.056

**--8710220128** Discusses radiation safety program concerns in well logging  
industry. Reemphasizes licensee responsibility to conduct activities according to li-  
cense requirements. Review of license recommended.  
MARTIN,R.D. Region 4, Ofc of the Director. 87/10/19. Pro-Technics International (for-  
merly ProTechnics, Inc.) 2pp. 52785.090-52785.099

**--8806130150** Amend 2 to License 05-23135-01 for Pro-Technics, Inc. amending license  
in entirety  
WHITTEN,J.E. Region 4, Ofc of the Director. 87/10/09. 2pp 52785.098-52785.097

**--8806130161** Application for amend to License 05-23135-01, authorizing use of Cr-  
51 Fee paid.  
CHISHOLM,J.W. Pro-Technics International (formerly ProTechnics, Inc.) 461672. 87/  
09/14. WHITTEN,J.E. Region 4, Ofc of the Director. 1p. 52785.095-52785.095

**--8806130162** License 42-26928-01 for Pro-Technics Intl, Inc. authorizing use of 200 mCi  
I-131 in tracer studies in oil & gas wells.  
WHITTEN,J.E. Region 4, Ofc of the Director. 88/06/13. 2pp. 52785.156-52785.157

**--8806130168** Forwards License 42-26928-01. License will be amended to satisfy amend  
request upon receipt & approval of info requested in NRC 880329 ltr.  
CAINI, Region 4, Ofc of the Director. 88/06/13. CHISHOLM,J.W. Pro-Technics Inter-  
national (formerly ProTechnics, Inc.) 2pp. 52785.164-52785.155

**--8807260162** Application for amend to License 42-26928-01, authorizing new facility for  
storage of radioactive mail for oil field tracers. Fee paid.  
CHISHOLM,J.W. Pro-Technics International (formerly ProTechnics, Inc.) 461848. 88/  
02/08. WHITTEN,J.E. Region 4, Ofc of the Director. 7pp. 52785.118-52785.138

**--8807260166** Provides addl info, including clarification of name change & assignment of  
D Effluent as radiation safety officer, per 880329 telcon.  
CHISHOLM,J.W. Pro-Technics International (formerly ProTechnics, Inc.) 461849. 88/  
05/27. WHITTEN,J.E. Region 4, Ofc of the Director. 3pp. 52785.161-52785.153

**--8807260175** Provides comments & request for addl info re 871222 & 880208 applica-  
tions for amend to license for use of tracer mails for well logging & above ground  
studies.  
WHITTEN,J.E. Region 4, Ofc of the Director. 461849. 88/03/29. CHISHOLM,J.W. Pro-  
Technics International (formerly ProTechnics, Inc.) 4pp. 52785.139-52785.143

**--8807260186** Application for amend to License 05-23135-01, authorizing relocation &  
stated disposal methods.  
CHISHOLM,J.W. Pro-Technics International (formerly ProTechnics, Inc.) 461790. 87/  
12/22. WHITTEN,J.E. Region 4, Ofc of the Director. 14pp. 52785.104-52785.117

**--8807240446** Amend 3 to License 05-23135-01 for Pro-Technics, Inc. terminating li-  
cense.  
WHITTEN,J.E. Region 4, Ofc of the Director. 461849. 88/06/13. 2pp. 52785.158-  
52785.168.

**--8910090017** Application for amend to License 05-23135-01, authorizing use of I-131, Ir-  
192, Sc-46, Sb-124, Co-60 & H-3. Fee paid.  
BANDY,T.R. Pro-Technics International (formerly ProTechnics, Inc.) 461376. 87/02/  
02. WHITTEN,J.E. Region 4, Ofc of the Director. 4pp. 52785.057-52785.060.

**--9001310479** Amend 1 to License 42-26928-01 for Pro-Technics Intl, Inc. amending li-  
cense in entirety.  
WHITTEN,J.E. Region 4, Ofc of the Director. 462176. 88/12/28. 2pp. 52785.171-  
52785.172.

**--9003020132** Responds to 870410 request for addl info re 870202 application for  
amend to license. Addl radioactive nuclides listed along w/description plot of Oklaho-  
ma City, OK etc.  
CHISHOLM,J.W. Pro-Technics International (formerly ProTechnics, Inc.) 462570. 87/  
04/20. WHITTEN,J.E. Region 4, Ofc of the Director. 34pp. 52785.061-52785.094.

**--9003020141** Forwards 870805 ltr to Texas Health Dept re amend to Texas Radioac-  
tive Mail License 11-3835 for comments. Amend to allow burial of quantities of radio-  
active mail left in wellbore from screen out of stimulation or in drilled out cement.  
CHISHOLM,J.W. Pro-Technics International (formerly ProTechnics, Inc.) 87/10/28.  
WHITTEN,J.E. Region 4, Ofc of the Director. 3pp. 52785.100-52785.102.

**--9003020147** Discusses telcon re flowback of radioactive mail in Cook Inlet of  
Alaska. Complete description & timing of sequence of events & actions will be provid-  
ed w/amend request for consideration for waste disposals at sites.  
CHISHOLM,J.W. Pro-Technics International (formerly ProTechnics, Inc.) 87/11/11.  
WHITTEN,J.E. Region 4, Ofc of the Director. 1p. 52785.103-52785.103.

**--9003020167** Advises of NRC well-logging & radiographer workshop scheduled on  
880512 to review recent regulatory changes & to discuss action to enhance radiologi-  
cal safety. Proposed agenda encl.  
FISHER,L.L. Region 4, Ofc of the Director. 88/04/18. Pro-Technics International (for-  
merly ProTechnics, Inc.) 7pp. 52785.144-52785.150.

- 9003020195 Advises that add amend fee required re 880912 app'cation for amend to License 42-26928-01  
JACKSON, G. License Fee Management Branch 462176 88/03/30 CHISHOLM, J.W. Pro-Technics International (formerly ProTechnics, Inc.) 1p 52785 169-52785 169.
- 9003020197 Ramits fee re application for amend to License 42-26928-01, per 880930 request  
CHISHOLM, J.W. Pro-Technics International (formerly ProTechnics, Inc.) 88/10/16 JACKSON, G. License Fee Management Branch 1p 52785 170-52785 170
- 9003020198 Forwards Amend 1 to License 05-23135-01.  
CAIN, C.L. Region 4, Ofc of the Director 88/12/28 CHISHOLM, J.W. Pro-Technics International (formerly ProTechnics, Inc.) 3pp 52785 173-52785 175
- 9003020229 Informs of 880308 spec of 5 mCi in 192 & Sc-46 onsite  
CHISHOLM, J.W. Pro-Technics International (formerly ProTechnics, Inc.) 88/04/15 WILBURN, L. Region 4, Ofc of the Director 11pp 52785 176-52785 186
- 9003050054 FOIA request for NRC response to OMB Circular A-11 & other documents describing NRC near or long range spending plans for info technology products or services  
STAYER, P.R. Information Strategies Group 90/01/31 Division of Freedom of Information & Publications Services (Post 890205) 1p 52792 188-52792 189
- 9003050059 Final response to FOIA request for records App A record encl & available in PDR  
GRIMLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 90/03/01 STAYER, P.R. Information Strategies Group 2pp 52792 193-52792 206
- 9003050065 Forwards NRC exhibits required by A-11 in support of President FY91 budget submission to Congress  
RABDEAU, P.J. Division of Budget & Analysis (Post 890205) 90/02/02 MILLER, N. Ofc of Management & Budget 6pp 52792 201-52792 206
- 9003050072 Final response to FOIA request for records No add agency records located  
GRIMLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 90/03/01 GLEESPIE, A.H. Jackson & Campbell, P.C. 1p 52792 195-52792 197
- 9003050096 Final response to FOIA request App B & C records encl & available in PDR App C records partially withheld & App D records completely withheld (rel FOIA Exemptions 5 & 7)  
GRIMLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 90/03/01 AIROZ, D. Inside NRC (McGraw-Hill Publication) 5pp 52792 207-52792 246
- 9003050098 Submits progress report for Dec 1989 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/01/05 BURNS, S.G. NRC - No Detailed Affiliation Given 3pp 52792 213-52792 214
- 9003050103 Submits progress report for Oct 1989 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/11/01 BURNS, S.G. NRC - No Detailed Affiliation Given 3pp 52792 215-52792 217
- 9003050105 Submits progress report for Sept 1989 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/10/02 BURNS, S.G. NRC - No Detailed Affiliation Given 3pp 52792 218-52792 220
- 9003050106 Submits progress report for Aug 1989 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/09/01 BURNS, S.G. NRC - No Detailed Affiliation Given 1p 52792 221-52792 221
- 9003050107 Submits progress report for Jul 1989 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/08/01 BURNS, S.G. NRC - No Detailed Affiliation Given 1p 52792 222-52792 222
- 9003050108 Submits progress report for 890531-0630 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/07/03 BURNS, S.G. NRC - No Detailed Affiliation Given 3pp 52792 223-52792 225
- 9003050110 Submits progress report for May 1989 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/06/01 JONES, B.W. NRC - No Detailed Affiliation Given 3pp 52792 226-52792 228
- 9003050115 Submits progress report for Apr 1989 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/05/01 JONES, B.W. NRC - No Detailed Affiliation Given 3pp 52792 229-52792 231
- 9003050118 Submits progress report for Mar 1989 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/04/03 JONES, B.W. NRC - No Detailed Affiliation Given 3pp 52792 232-52792 234
- 9003050122 Partially withheld memo informing that AS Rosenthal will be on vacation for wk of 890607.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel 89/08/02 MULLINS, C.E. NRC - No Detailed Affiliation Given 1p 52792 235-52792 235
- 9003050124 Advises of plans to attend oral argument on 891107 on Comley appeal from subpoena enforcement order.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel 89/10/24 BURNS, S.G. NRC - No Detailed Affiliation Given 1p 52792 238-52792 236
- 9003050127 Partially withheld memo submitting progress report for Nov 1989 for Contract NRC-34-89-347.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel NRC-34-89-347 89/12/01 BURNS, S.G. NRC - No Detailed Affiliation Given 4pp 52792 237-52792 240
- 9003050131 Advises of hope that now that Court of Appeals affirmed subpoena enforcement order, Judge Keeton will be more inclined to act w/dispach on motions for judgment against Comley on unpaid contempt fines.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel 89/12/08 JENSEN, N. NRC - No Detailed Affiliation Given 3pp 52792 241-52792 243
- 9003050134 Partially withheld memo re investigation at plant Author satisfied that investigators appropriately dealt w/ allegations re use of supervisory personnel.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel 89/04/25 NRC - No Detailed Affiliation Given 1p 52792 244-52792 244
- 9003050137 Advises that Commission accepted author recommendation that investigation be terminated on finding that no evidence of misconduct or dereliction of duty exists. Matter considered closed.  
ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel 89/04/24 Office of Investigations (Pre 880201) 2pp 52792 245-52792 246
- 9003050153 FOIA request for final Ofc of Inspector & Auditor/Ofc of Inspector General investigation on rept re JN Grace & backup supporting documentation.  
HUGHEY, N.L. Region 2, Ofc of the Director 89/08/17 ROBINSON, L.L. Division of Freedom of Information & Publications Services (Post 890205) 1p 52792 247-52792 247
- 9003050158 First partial response to FOIA request App A records encl & available in PDR App A records partially withheld (rel FOIA Exemptions 6 & 7)  
GRIMLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 90/02/28 HUGHEY, N.L. Region 2, Ofc of the Director 3pp 52792 248-52792 296
- 9003050181 Forwards partially withheld investigation Rept 186-44 Allegations of alleged Travel Abuse, Time & Attendance Abuse/Misuse of Administrative Authority, Region II Administrator.  
CONNELLY, S.R. Ofc of Inspector & Auditor (Pre 890417) 88/03/26 ZECH, R.E. ERTS, CAHR Commissioners 466pp 52792 251-52793 296
- 9003050175 Partial response to FOIA request for records App W records encl & available in PDR.  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/01 PEPPERMAN, D.R. Blecher & Collins 2pp 52793 297-52794 10
- 8809160853 Forwards response to IE Bulletin 76-10, "Bergen Palisades Hydroelectric Shock Suppressor Accumulator Spring Coils" No Bergen Palisades shutters raised at Dresden, Zion LaSalle County, Byron or Braided facilities.  
REED, C. Commonwealth Edison Co IEB-78-10 78/08/08 KEPPER, J.G. Region 1, IE (720101-810226) 10pp 52794 104-52794 113
- 9003050178 Rev 1 to Preventive Maint Procedure PM 9-5-41, "Testing of Motor Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co 79/07/02 6pp 52793 310-52793 315
- 9003050179 Rev 2 to Preventive Maint Procedure PM 9-5-41, "Testing of Motor Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co 81/08/28 6pp 52793 316-52793 321
- 9003050182 Rev 3 to Preventive Maint Procedure PM 9-5-41, "Testing of Motor Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co 83/01/26 6pp 52793 322-52793 327
- 9003050184 Rev 4 to Preventive Maint Procedure PM 9-5-41, "Testing of Motor Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co 85/08/29 6pp 52793 328-52793 335
- 9003050188 Preventive Maint Procedure PM 9-5-41, "Testing of Motor Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co 75/12/08 6pp 52793 336-52793 341
- 9003050191 Rev 5 to Preventive Maint Procedure PM 9-5-41, "Testing of Motor Case Circuit Breaker Overloads"  
\* Connecticut Yankee Atomic Power Co 86/07/15 6pp 52793 342-52793 349
- 9003050195 Rev 6 to Preventive Maint Procedure PMP 9-5-41, "Testing of Motor Case Circuit Breakers"  
\* Connecticut Yankee Atomic Power Co 88/08/02 11pp 52793 350-52794 013
- 9003050199 Rev 1 to Preventive Maint Procedure PMP 9-8-88, "Testing of Motor Case Circuit Breakers & Motor Circuit Protectors"  
\* Connecticut Yankee Atomic Power Co 88/12/31 46pp 52794 014-52794 073
- 9003050203 Special Test Procedure SPL 10-8-9, "Testing of Motor Case Circuit Breakers per NRC Bulletin 88-010"  
\* Connecticut Yankee Atomic Power Co IEB-88-010 89/02/03 30pp 52794 074-52794 103
- 9003060069 Final response to FOIA request for records App B record encl & available in PDR.  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/02 HUGHEY, N.L. Region 2, Ofc of the Director 2pp 52757 354-52757 039
- 9003060071 Forwards agenda for senior mgt meeting in Region V on 851021-22 re discussion re performance.  
SNIJEZEK, J.H. Regional Operations & Generic Requirements, EDO (Pre 870413) 56p 09/24 NRC - No Detailed Affiliation Given 3pp 52757 037-52757 039
- 9003060200 FOIA request for listed repts including "Radiological Survey of Texas Instruments Complex" dtd 820720, radiological survey dtd Jan 1985 NRC memo dtd 790331 re radiation surveys & NRC memo dtd 790331 re investigation of mail at site.  
CALHOUN, J.C. Travelers Insurance, Inc. 90/02/13 Division of Freedom of Information & Publications Services (Post 890205) 2pp 52757 040-52757 041
- 9003060208 Final response to FOIA request for records App A records encl & available in PDR.  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 80/03/05 CALHOUN, J.C. Travelers Insurance, Inc 2pp 52757 042-52757 163
- 9003060210 "Radiological Survey of Texas Instruments Site Attleboro, MA," final report.  
SOWELL, L.L., BERGER, J.D., CONDRA, R.D. Oak Ridge Associated Univ. FIN 4 9078-3 85/01/31. Safeguards & Materials Program B, Div of Inspection Programs IE (85012-870413) 118pp 52757 044-52757 161
- 9003060213 Forwards Region I Rept 078-154 re radiation surveys & sample analysis associated w/investigation of allegations that radioactive mail buried in landfill sites at Norton & Attleboro, MA area Rad active mail found at two sites.  
GRIER, B.H. Region 1, Ofc of the Director (810301-820201) 79/03/01 SNIJEZEK, J.H. Div of Fuel Facilities, Materials & Safeguards, IE (Pre 830103) 2pp 52757 162-52757 163



- 9003080215 Forwards Region I Rept 078-154.A Parts 1 & 2 re investigation into source of radioactive material found at Norton Site Matter should be referred to DOE for review on GRIER B.H. Region I, Ofc of the Director (810331-820201) 7/9/09/12 SNEIZEK, J.H. D.v. of Fuel Facilities, Materials & Safeguards IE (Pir 830103) 1p 52757.184-52756.025
- 9003080451 Appais denial of FOIA request for records Requestor believes withheld documents should be produced & that Exemptions 5 & 7 not applicable. HILL, T.C. Shaw, Pittman, Potts & Trowbridge 50/01/31 CHILKS, J. Ofc of the Secretary of the Commission WILLIAMS, D. Ofc of Inspector General (Post 830417) TAYLOR, J.M. Ofc of the Executive Director for Operations 5pp 52838.267-52839.282
- 9003080457 Responds to appeal of denial of FOIA request for records Portions of record withheld by Ofc of Inspector General appropriate to prevent unauthorized invasion of personal privacy & remain withheld WILLIAMS, D.C. Ofc of Inspector General (Post 830417) 30/02/22 HILL, T.C. Shaw, Pittman, Potts & Trowbridge 1p 52838.263-52838.263
- 9003080463 Partial response to FOIA request for records App F records available in PCR. PILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 830205) 30/02/27 DEGRAZIA, B.C. Burditt, Bowles & Radzius, Chartered (formerly Burditt, Bowles, Radzius & Ruber) 17pp 53166.192-53173.208
- 8211220345 Forwards ltr to property owner's in DuPage County requesting permission for Oak Ridge Associated Unvs to perform surface & subsurface radiological measurements along Kress Creek MENCZER, W.B. Region 3, Ofc of the Director 82/11/12 DORIA, R. DuPage County, IL 5pp 53172.022-53172.026
- 8211220483 Forwards ltr to property owners along Kress Creek in DuPage County requesting permission for Oak Ridge Associated Unvs to conduct study of surface & subsurface radiological measurements along Kress Creek MENCZER, W.B. Region 3, Ofc of the Director 82/11/12 RENNELSE, E. Chicago, IL 1p 53172.021-53172.021
- 9003090467 Summarizes 760722 meeting in Region III of re health physics coverage supplied during decontamination operations of facility KEPLER, J.G. Region III, IE (720101-810228) 76/07/26 LYONS, F. Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp.) 4pp 53168.069-53168.071
- 9003090489 Confirms results of analyses of wells on 760806 GOLCHERT, N.W. Argonne National Laboratory 76/08/18 PAGLIARO, J. Region III, IE (720101-810228) 2pp 53168.072-53168.073
- 9003090491 Forwards agreement of merger between American Potash & Chemical Corp & Kerr-McGee Corp. VIELELAND, R.J. Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp.) 76/08/30 KEPLER, J.G. Region III, IE (720101-810228) 1p 53168.074-53168.074
- 9003090493 Commands JG Keppeler & Region III staff re job dealing w/ radioactive mail in West Chicago Park VOIGENAU, E. Ofc of Inspection & Enforcement (750101-801210) 76/08/23 KEPLER, J.G. Region III, IE (720101-810228) 1p 53168.075-53168.075
- 9003090495 Conveys compliments & appreciation for commendable work re resolution of rad active ore waste problem. GOSSICK, L.V. Ofc of the Executive Director for Operations 76/07/29 VOIGENAU, E. Ofc of Inspection & Enforcement (750101-801210) 1p 53168.076-53168.076
- 9003090497 Conveys special appreciation & commendation re resolution of problems associated w/ rad active ore waste ROWDEN, M.A. Commissioners 76/07/27 GOSSICK, L.V. Ofc of the Executive Director for Operations 1p 53168.077-53168.077
- 9003090499 Forwards agreement of merger between Kerr-McGee Corp & American Potash & Chemical Corp. KEPLER, J.G. Region III, IE (720101-810228) 76/09/02 THORNBERG, H.D. Executive Officer for Operations Support, IE 4pp 53168.078-53168.081
- 9003090502 Forwards remainder of results of environ samples collected in West Chicago. KEPLER, J.G. Region III, IE (720101-810228) 76/08/14 TRUITT, R.J. West Chicago, IL 5pp 53168.082-53168.086
- 9003090504 Forwards proxy statement of Lindsay Chemical Co. W/o encl PHILLIP, G.A. Region III, IE (720101-810228) 76/09/24 LINDSAY, C.R. Lindsay Chemical Co 1p 53169.087-53169.087
- 9003090507 Forwards proposed agreement of merger between Lindsay Chemical Co & American Potash & Chemical Corp. W/o encl KEPLER, J.G. Region III, IE (720101-810228) 76/09/27 THORNBERG, H.D. Executive Officer for Operations Support, IE 1p 53168.088-53168.088
- 9003090510 "Inform Preliminary Draft Environ Appraisal."  
\* Argonne National Laboratory 76/10/31 52pp 53168.089-53168.140
- 9003090513 Summary of 761006 meeting w/ EPA, ANL & Kerr-McGee Corp re hydrogeologic info requirements to address uranium request CHENG, C.T. Region III, IE (720101-810228) 76/10/08 Region III, IE (720101-810228) 3pp 53168.141-53168.143
- 9003120143 Advises of regret in delay for submitting health physics surveillance plan for decommissioning activities Delay due to further discussions w/ Eberline Instrument Corp. LYONS, F.D. Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp.) 76/10/08 KEPLER, J.G. Region III, IE (720101-810228) 11pp 53168.144-53168.154
- 9003120152 Forwards 761008 ltr requesting approval of plan to provide health physics surveillance of decommissioning activities. ALLAN, J.M. Region III, IE (720101-810228) 76/10/18 ROY, G.W. Ofc of Inspection & Enforcement (750101-801210) 1p 53168.155-53168.155
- 9003120155 Forwards PN II-76-073 re thorium processing residues W/o encl ALLAN, J.M. Region III, IE (720101-810228) 76/10/18 ROY, G.W. Ofc of Inspection & Enforcement (750101-801210) 1p 53168.156-53168.156
- 9003120160 Forwards 761018 ltr from Director of Public Health, State of IL to Mayor of West Chicago transmitting position statement re PN0-76-118C KEPLER, J.G. Region III, IE (720101-810228) 76/10/21 THOMPSON, D. Ofc of Inspection & Enforcement (750101-801210) 1p 53168.157-53168.157
- 9003120186 Forwards proposed ANS N-328, "Control of Radioactive Surface Contamination on Mills, Equipment & Facilities to be Released for Uncontrolled Use." LYONS, F.D. Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp.) 76/10/25 KEPLER, J.G. Region III, IE (720101-810228) 11pp 53169.158-53169.267
- 9003120177 Summarizes 761118 meetings at West Chicago, IL facility & corporate offices in Oklahoma City to discuss present condition of facility & pending plans for decommissioning & decommissioning KEPLER, J.G. Region III, IE (720101-810228) 76/11/23 LYONS, F.D. Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp.) 2pp 53169.268-53169.269
- 9003120192 PNO III-76-212 on 761206 resident of West Chicago City voiced concerns re dust problem for thorium ore residue piles State air sampling program showed no statistically significant results WARNICK, R.F. ROY, G.W. THOMPSON, D. Region III, IE (720101-810228) 76/12/10 1p 53169.270-53169.270
- 9003120196 Expresses gratitude re efforts to alleviate community apprehensions on LYONS, F.D. Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp.) 77/01/14 KEPLER, J.G. Region III, IE (720101-810228) 1p 53168.271-53168.271
- 9003120203 Advises that on 770222, inspector made brief tour of Rare Earth Plant in continuing effort to maintain cognizance of status of facility OBERG, C.T. Region III, IE (720101-810228) 77/02/22 Region III, IE (720101-810228) 1p 53168.272-53168.272
- 9003120206 Advises that on 770307 inspector made brief tour of Rare Earth Plant in continuing effort to maintain cognizance of status of facility OBERG, C.T. Region III, IE (720101-810228) 77/03/07 Region III, IE (720101-810228) 1p 53168.273-53168.273
- 9003120215 Advises that on 770325 personnel made brief tour of Road-Keppler Park land fill area which contained buried radioactive materials from 1940 & 1950 OBERG, C.T. Region III, IE (720101-810228) 77/03/28 Region III, IE (720101-810228) 2pp 53168.274-53168.275
- 9003120225 "Draft Environ Assessment re Kerr-McGee Chemical Corp-West Chicago Characterization of Geochronology & Subsurface Chemistry."  
\* Argonne National Laboratory 77/05/31 22pp 53168.276-53169.142
- 9003120284 Lists mails to be removed from site per 761119 meeting w/ NRC & State of IL Dept of Public Health LYONS, F.D. Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp.) 77/06/10 ALLAN, J.M. Region III, IE (720101-810228) 15pp 53169.143-53169.157
- 9003120291 Forwards "Analysis for Waste Packaging as Low Specific Activity." RYAN, P. Alcor Engineered Systems, Inc. OPS-887 77/07/08 OBERG, C.T. Region III, IE (720101-810228) 1p 53169.158-53169.158
- 9003120300 "Analysis for Waste Packaging as Low Specific Activity." LEVESQUE, R.G. Alcor Engineered Systems, Inc 77/06/28 11pp 53169.159-53169.169
- 9003120311 PNO III-77-049 on 770728, fire caused during seal welding operation on tank subsequent to loading w/ thorium manila mail containing 44 gallon corrugated fiber boxes. OBERG, C.T. LONERGAN, G.T. ALLAN, J.M. Region III, IE (720101-810228) 77/07/26 1p 53169.170-53169.170
- 9003120322 Responds to 770719 ltr re two aspects of recent NRC environ assessment report on Kerr-McGee Chemical Co site in West Chicago. STRASMAN, J. Region III, IE (720101-810228) 77/08/03 COYNE, D. Coyne Bldg Supply, Inc 3pp 53169.171-53169.173
- 9003120327 Discusses plans for aerial survey of West Chicago w/ ANL LONERGAN, G.T. Region III, IE (720101-810228) 77/09/08 Region III, IE (720101-810228) 2pp 53169.174-53169.175
- 9003120337 Provides info re EG&G planned over-flight of West Chicago, IL facility on 770912 LONERGAN, G.T. Region III, IE (720101-810228) 77/09/12 Region III, IE (720101-810228) 2pp 53169.176-53169.177
- 9003120351 Provides info re planned aerial monitoring of over-flight of West Chicago, IL on 770914 LONERGAN, G.T. Region III, IE (720101-810228) 77/09/13 Region III, IE (720101-810228) 1p 53169.178-53169.178
- 9003120384 Discusses cleanup of Marvin Moore Chemical Co mail ATCOR w/ submittal report of facility, including conclusions & recommendations to Kerr-McGee AXELSON, W.L. Region III, IE (720101-810228) 77/09/14 Region III, IE (720101-810228) 2pp 53169.179-53169.180
- 9003120389 Forwards surveys & documents re survey of warehouse located in Andros, IL for review LEVESQUE, R.G. Alcor Engineered Systems, Inc. OPS-931 77/09/01 BORST, T. Region III, IE (720101-810228) 20pp 53169.181-53169.200
- 9003120429 Ack receipt of 770918 & 1010 ltrs re understanding of contract w/ Alcor, Inc to assist in organization to develop plans for disposition of site & report of completion of action required by Item 5, respectively. KEPLER, J.G. Region III, IE (720101-810228) 77/10/28 LYONS, F.D. Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp.) 2pp 53169.201-53169.202
- 9003120435 Informs that licensee contracted w/ Alcor, Inc to assist in development of plans for ultimate disposition of property at West Chicago LYONS, F.D. Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp.) 77/09/16 ALLAN, J.M. Region III, IE (720101-810228) 1p 53169.203-53169.203



7/03/22  
LYONS,J.G. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 7/7/10/10  
KEPPLER,J.G. Region III, IE (720101-810228) 1p 53169 204-53169 204

-9003120446 Summary of 7/10/20 meeting w/Kerr-McGee Chemical Co & APACHE Chemical's re release of solid nonradioactive Rare Earths Facility  
OSBERG,C.T. Region III, IE (720101-810228) 7/11/01. Region III, IE (720101-810228) 6pp 53169 205-53169 210

-9003120457 Forwards procedures for decontamination tests at Kerr-McGee West Chicago Facility  
FARHOSOF, Alcor Engineered Systems, Inc 7/11/15 OSBERG,T. Region III, IE (720101-810228) 4pp 53169 211-53169 214

-9003120467 Requests attendance at 7/12/01 meeting w/ANL Environ Impact Studies Div re Region III's re review of results of surveys & analyses completed by ANL in West Chicago area & type of report desired & estimated date of availability  
FOY,G.W. Region III, IE (720101-810228) 7/11/29 ESSIG,T.H., F-SHER,W.L. LONGERGA,T. Region III, IE (720101-810228) 5pp 53169 215-53169 219

-9003120467 Discusses Grant Park survey due to reported 20 million tons of thorium contamination used at park no suggested excess of thorium found  
FRIGERIO,R.A. Argonne National Laboratory 7/8/02/01 LONGERGA,T. Region III, IE (720101-810228) 2pp 53169 220-53169 221

-9003120473 Authorizes change of listed amount against Std Order for DOE Work 33-78-17 for purpose of procuring portable rad at on survey instrument  
LONGERGA,T. Region III, IE (720101-810228) 7/8/02/28 GLUSTAFSON,P.F. Argonne National Laboratory 1p 53169 222-53169 222

-9003120478 Requests replacement of technical monitor for Std Order for DOE Work 33-78-17 due to GT Longeran termination of employment effective w/7/8/31  
KEPPLER,J.G. Region III, IE (720101-810228) 7/8/02/26 COBBLE Structures & Components Standards Branch 52pp 53169 223-53169 254

-9003120497 Discusses 7/11/02 04 & 17 insps at M Moore Chemical Co storage barr re decontamination process to remove LSA amounts of thorium contained in rare earths  
OSBERG,C.T. Region III, IE (720101-810228) 7/8/05/09. Region III, IE (720101-810228) 3pp 53169 255-53169 257

-9003120500 "Thorium Residuals in West Chicago"  
FRIGERIO,R.A., LARSON,T.L., STOWERS Argonne National Laboratory 7/8/05/10 Region III, IE (720101-810228) 5pp 53169 258-53169 258

-9003120502 Requests review of Procedure for Releasing Mail From Kerr-McGee West Chicago Facility  
DAVIS,A.B. Region III, IE (720101-810228) 7/8/07/28 HIGGINBOTHAM,L. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210) 7pp 53169 357-53170 003

-9003120505 Forwards comments on "Thorium Residuals in West Chicago"  
ESSIG,T.H. Region III, IE (720101-810228) 7/8/08/15 KEENE,R.B. Argonne National Laboratory 3pp 53170 004-53170 006

-9003120508 Advises that on 7/8/08 31, approx. 133,000 lbs Samarium Gadolinium Carbonate shipped from site  
GRANT,W.B. Region III, IE (720101-810228) 7/8/09/05 Region III, IE (720101-810228) 45pp 53170 007-53170 038

-9003120513 Requests approval for use of B.G. 40 for small scale contaminated soil dispersal experiment  
KEPPLER,J.G. Region III, IE (720101-810228) 7/9/01/10 WYNVEEN,R. Argonne National Laboratory 5pp 52904 254-52904 258

-9003120517 Summary of 7/9/0214 meeting w/ANL,State of IL & city of West Chicago to discuss comments on decommissioning rept  
ESSIG,T.H. Region III, IE (720101-810228) 7/9/03/05 Region III, IE (720101-810228) 9pp 53170 044-53170 052

-9003120524 Advises that on 7/9/0409-12, several large tanks surveyed for fixed & loose contamination in preparation for release. Results show that 12 of 20 tanks free of significant thorium & unconditionally released. Add'l tanks awaiting results  
OSBERG,C.T. Region III, IE (720101-810228) 7/9/04/12 DAVIS,A.B. Office of Inspection & Enforcement (750101-801210) 2pp 53170 053-53170 054

-9003120527 Confirms 7/9/0412 statement re shipment of tanks from Kerr-McGee facility. Tanks have been tested for residual radioactive contamination. Tanks clean enough for unrestricted use  
DAVIS,A.B. Region III, IE (720101-810228) 7/9/04/13 MOIZ,T. West Chicago, IL 1p 53170 055-53170 055

-9003120530 Forwards NRC comments on Kerr-McGee Chemical Corp decommissioning plan W/o encl  
DAVIS,A.B. Region III, IE (720101-810228) 7/9/04/20 MUGLIAN,R. Illinois, State of 1p 53170 056-53170 056

-9003120533 Advises that four tanks of original 20 remain to be shipped offsite for unrestricted use. Shipment date for remaining tanks unknown  
OSBERG,C.T. Region III, IE (720101-810228) 7/9/05/03 DAVIS,A.B. Region III, IE (720101-810228) 1p 53170 057-53170 057

-9003120544 Advises of Juvark 790504 balloon re three smoke stacks taken down at facility, two boys caught climbing fence & boy informed by guard not to ride motorcycle on property adjacent to fenced in area  
DAVIS,A.B. Region III, IE (720101-810228) 7/9/05/04 PAPERIELLO,C.J., OSBERG,C.T. Region III, IE (720101-810228) 1p 53170 058-53170 058

-9003120568 Informs of 7/9/0515 tour of facility  
OSBERG,C.T. Region III, IE (720101-810228) 7/9/05/22 Region III, IE (720101-810228) 2pp 53170 059-53170 060

-9003120571 Forwards airborne thorium risk experiment conducted in Jan & June 1978  
GRANT,W.B. Region III, IE (720101-810228) 7/9/07/19 DAVIS,A.B. Region III, IE (720101-810228) 7pp 53170 061-53170 067

OSBERG,C.T. Region III, IE (720101-810228) 2pp 53170 068-53170 069

-9003120581 Forwards "Radiological Health Program Rare Earths Facility"  
HENNING,G.R. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 7/9/07/19 KEPPLER,J.G. Region III, IE (720101-810228) 2pp 53170 070-53170 071

-9003120583 "Radiological Health Program Rare Earths Facility"  
Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 7/9/07/31 IE 53170 072-53170 089

-9003120588 Requests NMSS & IE concurrence on decontamination criteria proposed by Kerr-McGee & acceptability of proceeding w/ Phase 1A prior to NRC approval of final decommissioning plan  
DAVIS,A.B. Region III, IE (720101-810228) 7/9/08/03 HIGGINBOTHAM,L. Region III, IE (720101-810228) 1p 53170 090-53170 090

-9003120595 Ltr's info provided to Federal & state personnel re Kerr-McGee decontamination plan  
DAVIS,A.B. Region III, IE (720101-810228) 7/9/09/04 Region III, IE (720101-810228) 1p 53170 091-53170 091

-9003120599 Requests review of State of IL Atty General's request for NRC not to approve Kerr-McGee proposed 1-A decontamination plan until state has reviewed it  
DAVIS,A.B. Region III, IE (720101-810228) 7/9/09/16 SNIEZEK,J.H. Region III, IE (720101-810228) 1p 53170 092-53170 092

-9003120605 Forwards proposed response to State of IL Ofc of Atty General Request review & response by 7/9/08/27  
KEPPLER,J.G. Region III, IE (720101-810228) 7/9/08/22 SNIEZEK,J.H. Region III, IE (720101-810228) 4pp 53170 093-53170 095

-9003120629 Comments on Phase 1A of Kerr-McGee Corp plan to decommission & decontaminate West Chicago, IL facility. Need expressed for add ambient air monitoring near plant in addition to down wind monitoring  
HANSELL,D. Illinois, State of 7/9/08/16 KEPPLER,J. Region III, IE (720101-810228) 3pp 53170 097-53170 097

-9003120636 Informs of review of radiological health physics surveillance of activities at Rare Earth Facility in West Chicago, IL. Decontamination plan may be initiated  
KEPPLER,J.G. Region III, IE (720101-810228) 7/9/08/30 LOCKE,M.C. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 5pp 53170 100-53170 104

-9003120644 Forwards rad con policy & safety manual being used by Kerr-McGee contractor for decontamination work being conducted in West Chicago, IL W/o encl  
DAVIS,A.B. Region III, IE (720101-810228) 7/9/09/20 TOMLINSON,C. Illinois, State of 1p 53170 105-53170 105

-9003120653 Forwards IE Bulletin 78-10  
KEPPLER,J.G. Region III, IE (720101-810228) IE B 78-19 7/9/10/01 LOCKE,M.C. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 14pp 53170 106-53170 118

-9003120659 Advises that D Hansell will be sent investigator's report re transfer of mail from Kerr-McGee site by M Auer & others  
KEPPLER,J.G. Region III, IE (720101-810228) 7/9/12/05 HANSELL,D. Illinois, State of 1p 53170 120-53170 132

-9003120668 Advises that investigation warranted re conflicting statement re beams w/ work from Kerr-McGee Beams surveyed & no radioactivity found  
DAVIS,A.B. Region III, IE (720101-810228) 7/9/12/05 NORELIUS,C. Region III, IE (720101-810228) 17pp 53170 133-53170 149

-9003120674 Notification of significant licensee meeting w/licensee on 8/00430 to discuss recent NRC findings at bldg formerly owned by Kerr-McGee  
Region III, IE (720101-810228) 8/04/23 Region III, IE (720101-810228) 45pp 53170 150-53170 197

-9003120687 Discusses 8/00620 memo to files re Kerr-McGee West Chicago, IL. Matter considered closed  
PHILLIP,G.A. Region III, IE (720101-810228) 8/1/01/23 Region III, IE (720101-810228) 2pp 53170 188-53170 199

-9003120693 Forwards EPA ltr re contamination levels along Kress Creek. Comments requested before 8/10224 expected response  
FISHER,W.L. Region III, IE (720101-810228) 8/1/02/06 PAGE,R.G. Uranium Fuel Licensing Branch 2pp 53170 200-53170 201

-9003120697 Insp rept of facility on 8/10230. No violations or deviations noted. Most areas inspected. Phase 1A decommissioning of site  
MEYER,B. Division of Waste Management (Pre 870413) 8/1/02/09 NEUWEG,M. Illinois, State of 48pp 53170 202-53170 249

-9003120707 Advises of results of bioassay measurements made by ANL of internal burden of radioactive mail. Elevated levels of Ra-226 or Th-232 not found  
PAPERIELLO,C.J. Region III, IE (720101-810228) 8/1/04/25 Affiliation Not Assigned 3pp 53170 250-53170 252

-9003120714 Advises of telcon w/M Stewart to discuss ltr to Senator Dixon. Suggests listed paragraph be included in ltr to Dixon  
PAPERIELLO,C.J. Region III, IE (720101-810228) 8/1/04/30 GRELLA,A. Region III, IE (720101-810228) 1p 53170 253-53170 253

-9003120746 Advises that effective 8/10504, policy of I&E re procedures for review of NRC insp rept for possible proprietary info changed as listed  
KEPPLER,J.G. Region III, IE (720101-810228) 8/1/05/04 RAINEY,J.L. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 25pp 53170 254-53170 278

-9003120748 Forwards revised health physics manual W/o encl  
SHELLEY,W.J. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) 8/1/08/18 PAPERIELLO,C. Region III, IE (720101-810228) 1p 53170 279-53170 279

-9003120754 Forwards rept re two potential overexposures to soluble U, for review  
GREGER,L.R. Region III, IE (720101-810228) 8/1/07/24 GRELLA,A.W. Region III, IE (720101-810228) 1p 53170 280-53170 280

-9003130070 Repts possible overexposure of two employees to soluble airborne U enriched to 25% w/isotope U-235. Inadequate air sampling failed to detect incidents. Routine urine samples will be delivered for analysis & processed weekly. SHELLEY, W.J. Kerr-McGee Corp. 8/10/29. KEPLER, J. Region III, IE (720101-810228) 156pp 53170-281-53171-076

-9003130081 "Hydrogic Studies West Chicago Thorium Plant." BATH, W.W., GRANT, J.L. Law Engineering Testing Co. 1988B. 8/10/24. 89pp 53171-077-53171-175

-9003130091 Forwards resp. report re offsite survey work performed in West Chicago, IL over past yr. KEPLER, J.G. Region III, IE (720101-810228) 8/10/27. GUSTAFSON, P.F. Illinois, State Ch. 11pp. 53171-176-53171-186

-9003130100 Discusses stoppage of Bldg 1 decommissioning activities as of 8/10/17 in response to State of IL Dept. of Conservation evaluation for possible historical &/or architectural significance of bldg. SCHUMACHER, M.C. Region 3, Ofc of the Director (810301-820201) 8/10/06. Region 3, Ofc of the Director (810301-820201). 28pp. 53171-187-53171-214

-9003130111 Advises of District Court ruling in city of West Chicago suit Judge ruled in favor of city City complaint ended. NICHOLSON, N.A. Region 3, Ofc of the Director (810301-820201) 8/10/27. Region 3, Ofc of the Director (810301-820201) 35pp. 53171-215-53171-249

-9003130123 Forwards FOIA request from Kerr-McGee. COOK, C.L. Chadwell, Kayser, Ruggles, McBee & Hastings, Ltd. 8/10/27. PAPERIELLO, C. Region 3, Ofc of the Director (810301-820201) 1p. 53171-249-53171-249

-9003130139 Forwards IE Info Notice 81-39, announcing new environ. test sample of lead by EPA in cooperation w/NRC under Environ. Radioactivity Lab. Intercomparison Studies Program. Participation in program voluntary. KEPLER, J.G. Region 3, Ofc of the Director (810301-820201) IEIN 81-39. 8/1/2/23. Region 3, Ofc of the Director (810301-820201) 130pp. 53171-250-53172-019

-9003130149 Provides analysis of live water samples NRC-82-355 to NRC-82-359 for total alpha, beta & gamma-ray spectrometry. GOLCHERT, N.W. Argonne National Laboratory. 8/2/09/02. NICHOLSON, N. Region 3, Ofc of the Director 1p. 53172-020-53172-020

-9003130163 Advises that attached ltr sent to listed property owner on 8/21/12 re Kress Creek survey. CARROLL, D.E. Region 3, Ofc of the Director. 8/21/12. KEPLER, J.G., DAVIS, A.B., LEW, S.S. NRC - No Detailed Affiliation Given. 8pp. 53172-027-53172-032

-9003130171 Advises that attached ltr sent to listed property owners on 8/30/10 re Kress Creek survey. CARROLL, D.E. Region 3, Ofc of the Director. 8/30/11. NRC - No Detailed Affiliation Given. 8pp. 53172-033-53172-040

-9003130191 Requests permission to conduct survey to define extent & depth of radioactive contamination along Kress Creek Survey will involve walking across grounds to measure surface radiation levels & collecting soil samples. KEPLER, J.G. Region 3, Ofc of the Director. 8/3/04/07. Affiliation Not Assigned. 3pp. 53172-041-53172-043

-9003130200 Advises that attached ltr sent to listed property owners on 8/30/08. KOCH, E.S. Region 3, Ofc of the Director. 8/30/11. ILLINOIS, Div. of Radiological & Materials Safety Programs, R3. PAPERIELLO, C.J., SCHUMACHER, M. Region 3, Ofc of the Director. 4pp. 53172-044-53172-047

-9003130223 Ack receipt of 8/30/07 ltr re confirmation of action ltr sent to Kerr-McGee on 8/30/16. Actions taken to suppress Rn-220 & Pb-212 source terms & install add'l air samplers designed to ensure site boundary airborne concentrations. KEPLER, J.G. Region 3, Ofc of the Director. CAL. 8/3/04/22. HAPKIN, A. Illinois, State Ch. 61pp. 53172-048-53172-108

-9003130240 "Memorandum Compliance of Kerr-McGee Stabilization Plan w/ EPA Sids." Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). 8/3/12/20. 411pp. 53172-109-53173-159

-9003130248 "Report on Emission Compliance Tests Conducted for Kerr-McGee Chemical Corp. West Chicago Incinerator Sys in West Chicago, IL." Clean Air Engineering, Inc. 8/3/12/27. 42pp. 53173-160-53173-201

-9003130258 Advises of appointment of JC Slaughter, Director of Nuclear Licensing & Regulation effective 8/4/03. SHELLEY, W.J. Kerr-McGee Corp. 8/4/03/01. KEPLER, J.G. Region 3, Ofc of the Director. 20pp. 53173-202-53173-221

-9003130267 "Migration of Rare Earths Through Clays, Soils & Rocks." KREMER, H.E. Kerr-McGee Corp. 8/4/05/03. 10pp. 53173-222-53173-231

-9003130271 "Program Outline: Offsite Thorium Removal." Kerr-McGee Corp. 8/4/06/25. 48pp. 53173-232-53173-280

-9003130277 Summary of 860512 meeting w/DuPage County Forest Preserve for briefing on survey of Kress Creek. LICKUE, R. Region 3, Ofc of the Director. 86/05/16. Region 3, Ofc of the Director. 2pp. 53173-281-53173-282

-9003130282 Advises that Investigative effort re Allegation RIII-87-A-0111 not warranted. WEIL, C.H. Region 3, Ofc of the Director. 87/08/12. HIND, J.A. Region 3, Ofc of the Director. 2pp. 53173-283-53173-284

-9003130293 Discusses 870804 allegation of water being pumped offsite from Kerr-McGee property along eastside of embankment. Sewer line const. noted by inspectors but no water being pumped from site. SCHUMACHER, M. Region 3, Ofc of the Director. 87/08/06. WEIL, C.H. Region 3, Ofc of the Director. 4pp. 53173-285-53173-288

9003090311 FOIA request for Lockheed Plant B-1 prior to 1962, expiration date of licenses, type of isotopes used & type of sources & any violations. AGUIAR, Z. McLaren Engineering. 9/01/05. Document Control Branch (Document Control Desk) 1p. 53173-289-53173-289

9003090317 FOIA request for any info NRC has on Lockheed Plant B-1. AGUIAR, Z. Affiliation Not Assigned. 9/02/05. GRIMSLEY, D. Document Control Branch (Document Control Desk) 1p. 53173-290-53173-290

9003090320 Final response to FOIA request for records App A records end & available in PDF. PHILLIPS, J.D. Document Control Branch (Document Control Desk) 9/03/07. AGUIAR, Z. McLaren Engineering. 2pp. 53173-291-53173-353

-9003090333 Ack receipt of CW Wallhausen 551114 ltr re Lockheed Aircraft Corp. interest in use of radioisotopes containing luminous emergency markers. FOWLER, E.E. Atomic Energy Commission (Pre 750101). 55/11/25. GANDHI, L.E. Lockheed Aircraft Corp. 2pp. 53173-293-53173-294

-9003090337 Requests answer to listed question & clarification of statement re breakage of luminous marker. WALLHAUSEN, C.W. US Radium Corp. 55/11/14. FOWLER, E.E. Atomic Energy Commission (Pre 750101) 2pp. 53173-295-53173-295

-9003090345 Forward, Form AEC-313, procurement procedures, special source info, informational items & distribution regulations per 551019 request. MADDOX, J.N. Atomic Energy Commission (Pre 750101). 55/10/31. BURKART, E.H. Lockheed Aircraft Corp. 1p. 53173-297-53173-297

-9003090349 Requests Authorization Request Form 313 & isotope catalog for licensee intended studies re use of tracer amounts of radioisotopes & low level sources. BURKART, E.H. Lockheed Aircraft Corp. 55/10/19. FOWLER, E.E. Atomic Energy Commission (Pre 750101) 1p. 53173-298-53173-298

-9003090352 Ack receipt of 551033 ltr requesting info re Sr-90 & Ti-204 luminous markers AEC does not specify const. details for devices employing radioactive materials but only concerned w/ radiological health safety aspects of use. MACHUREK, J.E. Atomic Energy Commission (Pre 750101). 55/10/20. GANDHI, L.E. Lockheed Aircraft Corp. 2pp. 53173-299-53173-300

-9003090353 Requests answers to listed questions re use of emergency & warning nameplates utilizing radioactive isotopes. GANDHI, L.E. Lockheed Aircraft Corp. 55/10/03. CROMPTON, C. Atomic Energy Commission (Pre 750101) 1p. 53173-301-53173-301

-9003090355 Ack receipt of 550504 ltr re activation analysis of airframe const. alloys. Complete Form AEC-313 required. MADDOX, J.N. Atomic Energy Commission (Pre 750101). 55/05/11. CLEVELAND, F.A. Lockheed Aircraft Corp. 1p. 53173-302-53173-302

-9003090357 Advises that Lockheed wishes to sponsor program covering approx 50 alloys of airframe const. Authorization for irradiation of 50 specimens requested. CLEVELAND, F.A. Lockheed Aircraft Corp. 55/05/04. LEDDICOTTE, G.W. Atomic Energy Commission (Pre 750101) 1p. 53173-303-53173-303

-9003090360 Forwards info packet & Form AEC-313 re proposed use of C-14, P-32 & S-35 for metal cleaning efficiency tests. CARUTHERS, L.T. Atomic Energy Commission (Pre 750101). 56/10/30. TOY, A. Lockheed Aircraft Corp. 2pp. 53173-304-53173-305

-9003090365 Informs of consideration of use of radioactive tracer method to evaluate metal cleaning. Requests recommendations & advise re listed points in question. TOY, A., SCOTT, R.B. Lockheed Aircraft Corp. 56/10/25. Atomic Energy Commission (Pre 750101). 2pp. 53173-306-53173-307

-9003090369 Trip report of 561005 visit to Lockheed Aircraft Corp. re administrative control, mail, licensed facilities & equipment, precautionary procedures, records & compliance w/regulations & conditions of License 04-00921-01. HERVIN, R.L., CUNNINGHAM, R.E. Atomic Energy Commission (Pre 750101). 56/10/22. Atomic Energy Commission (Pre 750101) 8pp. 53173-308-53173-318

-9003090372 Ack receipt of 560823 ltr re tritium AEC authorized distribution to cumulative total per licensee up to 5,000 Ci. Procurement amounts greater than 5,000 Ci involve special consideration. MACHUREK, J.E. Atomic Energy Commission (Pre 750101). 56/09/07. SIPPLE, H.B. Lockheed Aircraft Corp. 3pp. 53173-320-53173-322

-9003090374 Requests info on use of tritium as luminous signs or marker buttons. SIPPLE, H.B. Lockheed Aircraft Corp. 56/08/23. MACHUREK, J.E. Atomic Energy Commission (Pre 750101) 2pp. 53173-323-53173-327

-9003090380 Confirms recent visit on 561005 facilities, equipment & radiological protection practices satisfactory for types & quantities of radioisotopes used. CUNNINGHAM, R.E. Atomic Energy Commission (Pre 750101). 56/10/15. BURKART, E.H. Lockheed Aircraft Corp. 1p. 53173-328-53173-328

-9003090383 Advises that 561005 will be satisfactory for proposed visit, per 560911 ltr. BURKART, E.H. Lockheed Aircraft Corp. 56/09/14. CUNNINGHAM, R.E. Atomic Energy Commission (Pre 750101) 1p. 53173-329-53173-329

-9003090387 Advises of proposed visit to facility on 561005 to review radiological protection aspects of radioisotopes program. CUNNINGHAM, R.E. Atomic Energy Commission (Pre 750101). 56/09/11. BURKART, E.H. Lockheed Aircraft Corp. 1p. 53173-330-53173-334

-9003090388 Requests notification if films entitled, "Radioisotopes" will be available for 560918 class. HUDSON, R.H. Lockheed Aircraft Corp. 56/08/20. BOWMAN, C.N. Atomic Energy Commission (Pre 750101). 1p. 53173-335-53173-335

-9003090394 Requests notification if listed films will be available for training program re fundamentals of radioactivity & properties of radiation. KOSEK, J. Lockheed Aircraft Corp. 56/02/23. FOWLER, E.E. Atomic Energy Commission (Pre 750101). 1p. 53173-336-53173-336

9003090395 FOIA request for access to or copies of all correspondence & memos between NRC & A D'Amato from 810101 to present, NRC notes of meetings conducted w/D'Amato & telcon logs, including communications between NRC & D'Amato aides. WEBER, M.A. New York Newsway. 90/01/30. PARLER, W.C. Office of the General Counsel (Post 860701). 1p. 52990-261-52990-251

- 9003090400 License 04-00921-01 for Lockheed Aircraft Corp. authorizing possession and use of 1 Ci Co-60 for irradiation studies & industrial radiography & 100 mCi Co-60 for experimental tracer studies  
ROGERS, L.R. Atomic Energy Commission (Pre 750101) 56/07/27 2pp 53173 337-53173 338
- 9003090402 Amend 1 to License 04-00921-01 for Lockheed Aircraft Corp. Items 6 & 9 re possession and use of 100 mCi C-14, S-35 & P-32 for lab research studies  
\* Atomic Energy Commission (Pre 750101) 57/03/27 4pp 53173 338 53173 342
- 9003090457 Discusses insp of License 04-00921-01 on 571113 of facilities, equipment & procedures Noncompliance noted re records of radiation surveys not maintained as required by 10CFR20  
MASON, J.R. Atomic Energy Commission (Pre 750101) 58/02/03 LEVINE, M. Lockheed Aircraft Corp. 1p 53173 343 53173 343
- 9003090461 Forwards rept of insp of License 04-00921-01 Noncompliance noted re records of surveys, rad at on monitoring & disposal not maintained  
MANN, M.M. Atomic Energy Commission (Pre 750101) 57/12/18 PITTMAN, F.K. Atomic Energy Commission (Pre 750101) 4pp 53173 344 53173 349
- 9003090466 Rept of insp of License 04-00921-01 on 571113 Noncompliance noted Major areas inspected activities authorizing 1 Ci Co-60 source for industrial radiography studies & 3 Ci Cs-137 source for calibration radiography studies  
BLANCH, G.A., SMITH, R.W. Atomic Energy Commission (Pre 750101) 57/11/25 4pp 53173 350 53173 353
- 9003090333 Ack receipt of CW Walhausen 551114 ltr re Lockheed Aircraft Corp interest in use of radioisotopes containing luminous emergency markers  
FOWLER, E.E. Atomic Energy Commission (Pre 750101) 55/11/25 GANAHLL, E. Lockheed Aircraft Corp 2pp 53173 293 53173 294
- 9003090337 Requests answer to listed question & clarification of statement re breakage of luminous marker  
WALLHAUSEN, C.W. US Radium Corp 55/11/14 FOWLER, E.E. Atomic Energy Commission (Pre 750101) 2pp 53173 295 53173 296
- 9003090345 Forwards Form AEC-313, procurement procedures, special source information, items & distribution regulations per 550101 request  
MADDOX, J.N. Atomic Energy Commission (Pre 750101) 55/10/31 BURKART, E.H. Lockheed Aircraft Corp 1p 53173 297 53173 297
- 9003090349 Requests Authorization Request Form 313 & isotope catalog for Licensee intended studies re use of tracer amounts of radioisotopes & low level sources  
BURKART, E.H. Lockheed Aircraft Corp 55/10/18 FOWLER, E.E. Atomic Energy Commission (Pre 750101) 1p 53173 299 53173 298
- 9003090352 Ack receipt of 551003 ltr requesting info re Sr-90 & Ti-204 luminous markers AEC does not specify const data's for devices employing radioactive mats but only concerned w/ radiological health safety aspects of use  
KACH, J.R.E. Atomic Energy Commission (Pre 750101) 55/10/20 GANAHLL, E. Lockheed Aircraft Corp 2pp 53173 299 53173 300
- 9003090353 Requests answers to listed questions re use of emergency & warning nameplates w/zing radioactive isotopes  
GANAHLL, E. Lockheed Aircraft Corp 55/10/03 CROMPTON, C. Atomic Energy Commission (Pre 750101) 1p 53173 301 53173 301
- 9003090355 Ack receipt of 550504 ltr re activation analysis of airframe const alloys Complete Form AEC-313 required  
MADDOX, J.N. Atomic Energy Commission (Pre 750101) 55/05/11 CLEVELAND, F.A. Lockheed Aircraft Corp 1p 53173 302 53173 302
- 9003090357 Advises that Lockheed wishes to sponsor program covering approx 50 a lots of airframe const. Authorization for irradiation of 50 specimens requested  
CLEVELAND, F.A. Lockheed Aircraft Corp 55/05/04 LECCICOTTE, G.W. Atomic Energy Commission (Pre 750101) 1p 53173 303 53173 303
- 9003090360 Forwards info packet & Form AEC-313 re proposed use of C-14, P-32 & S-35 for metal cleaning efficiency tests  
CARUTHERS, L.T. Atomic Energy Commission (Pre 750101) 56/10/30 TOY, A. Lockheed Aircraft Corp 2pp 53173 304 53173 305
- 9003090365 Informs of consideration of use of radioactive tracer method to evaluate metal cleaning Requests recommendations & advise re listed points in question  
TOY, A., SCOTT, R.B. Lockheed Aircraft Corp 56/10/25 Atomic Energy Commission (Pre 750101) 2pp 53173 306 53173 307
- 9003090369 Trip rept of 561005 visit to Lockheed Aircraft Corp re administrative control mail licensed facilities & equipment, precautionary procedures, records & compliance w/ regulations & conditions of License 04-00921-01  
HERV, N.R.L., CUNNINGHAM, R.E. Atomic Energy Commission (Pre 750101) 58/10/22 Atomic Energy Commission (Pre 750101) 8pp 53173 308 53173 319
- 9003090372 Ack receipt of 560823 ltr re Inium AEC authorized distribution to cumulative total per licensee up to 5,000 Ci Procurement amounts greater than 5,000 Ci involve special consideration  
MACHUREK, J.E. Atomic Energy Commission (Pre 750101) 58/09/07 SIFFLE, H.B. Lockheed Aircraft Corp 3pp 53173 320 53173 322
- 9003090374 Requests info on use of Inium as luminous signs or marker buttons  
SIFFLE, H.B. Lockheed Aircraft Corp 58/08/23 MACHUREK, J.E. Atomic Energy Commission (Pre 750101) 2pp 53173 323 53173 327
- 9003090380 Confirms recent visit on 561005 Facilities, equipment & radiological protection practices satisfactory for types & quantities of radioisotopes used  
CUNNINGHAM, R.E. Atomic Energy Commission (Pre 750101) 56/10/15 BURKART, E.H. Lockheed Aircraft Corp 1p 53173 328 53173 328
- 9003090383 Advises that 561005 will be satisfactory for proposed visit per 560911 ltr  
BURKART, E.H. Lockheed Aircraft Corp 58/09/14 CUNNINGHAM, R.E. Atomic Energy Commission (Pre 750101) 1p 53173 329 53173 329
- 9003090387 Advises of proposed visit to facility on 561005 to review radiological protection aspects of radioisotope program  
CUNNINGHAM, R.E. Atomic Energy Commission (Pre 750101) 56/09/11 BURKART, E.H. Lockheed Aircraft Corp 1p 53173 330 53173 334
- 9003090389 Requests notification if films entitled, "Radioisotopes will be available 560916 class  
HUDSON, R.H. Lockheed Aircraft Corp 56/08/20 BOWMAN, C.H. Atomic Energy Commission (Pre 750101) 1p 53173 335 53173 335
- 9003090394 Requests notification if listed films will be available for training program - fundamentals of radioactivity & properties of radiation  
KOSSEK, J. Lockheed Aircraft Corp 56/02/23 FOWLER, E.E. Atomic Energy Commission (Pre 750101) 1p 53173 336 53173 336
- 9003090400 License 04-00921-01 for Lockheed Aircraft Corp. authorizing possession and use of 1 Ci Co-60 for irradiation studies & industrial radiography & 100 mCi Co-60 for experimental tracer studies  
ROGERS, L.R. Atomic Energy Commission (Pre 750101) 56/07/27 2pp 53173 337 53173 338
- 9003090402 Amend 1 to License 04-00921-01 for Lockheed Aircraft Corp. Items 6 & 9 re possession and use of 100 mCi C-14, S-35 & P-32 for lab research studies  
\* Atomic Energy Commission (Pre 750101) 57/03/27 4pp 53173 338 53173 342
- 9003090457 Discusses insp of License 04-00921-01 on 571113 of facilities, equipment & procedures Noncompliance noted re records of radiation surveys not maintained as required by 10CFR20  
MASON, J.R. Atomic Energy Commission (Pre 750101) 58/02/03 LEVINE, M. Lockheed Aircraft Corp 1p 53173 343 53173 343
- 9003090461 Forwards rept of insp of License 04-00921-01 Noncompliance noted re records of surveys, rad at on monitoring & disposal not maintained  
MANN, M.M. Atomic Energy Commission (Pre 750101) 57/12/18 PITTMAN, F.K. Atomic Energy Commission (Pre 750101) 4pp 53173 344 53173 349
- 9003090466 Rept of insp of License 04-00921-01 on 571113 Noncompliance noted Major areas inspected activities authorizing 1 Ci Co-60 source for industrial radiography studies & 3 Ci Cs-137 source for calibration radiography studies  
BLANCH, G.A., SMITH, R.W. Atomic Energy Commission (Pre 750101) 57/11/25 4pp 53173 350 53173 353
- 9003090324 Partial response to FOIA request for documents Listed App B documents enclosed Apps A & B documents available in PDF  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Pre 800205) 90/02/28 WEBER, M.A. New York Newsday 18pp 52990 252 52991 172
- 8106230225 Comments on 810415 constituent ltr re civil penalty imposed on Niagara Mohawk Power Corp  
DIRCKS, W.J. Office of the Executive Director for Operations 81/05/18 D'AMATO, A. Senate 2pp 52990 289 52990 289
- 8106230229 Requests NRC consideration of encl constituent ltr  
D'AMATO, A. Senate 81/04/28 NRC - No Detailed Attention Given 3pp 52990 291 52990 287
- 8204290419 Responds to 820208 request for response to constituent R. Joann's ltr re changes in law concerning benefits paid to workers injured in nuclear accidents NRC concern in area of nuclear compensation contained in Price-Anderson Act  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 82/03/22 D'AMATO, A. Senate 2pp 52990 344 52990 344
- 8204290425 Requests response to encl constituent R. Joann's ltr re changes in law concerning benefits paid to workers injured in nuclear accidents  
D'AMATO, A. Senate 82/02/08 Commissioners 2pp 52990 324 52990 325
- 8212010344 Comments on L. Sokolow 820729 ltr expressing concern over NRC proposal to remove requirement for psychological testing of plant employees NRC drafting screening rule for employees & considering psychological testing requirement  
DIRCKS, W.J. Office of the Executive Director for Operations 82/11/10 D'AMATO, A. Senate 1p 52991 016 52991 016
- 8608130251 Responds to ltr transmitting D. Rota 860322 ltr re concerns about public safety around facility discretionary adjudicatory hearing concluded risks no greater than other facilities  
INGHAM, F. Office of Public Affairs (Pre 870413) 86/05/30 D'AMATO, A. Senate 3pp 52991 099 52991 100
- 9003090344 Forwards announcement re public hearing on facility info Announcement will be mailed to news media on 810109 W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/01/09 MOFFETT, R. House of Rep. Government Operations SIMPSON, A. Senate DINGELL, J. House of Rep 1p 52990 270 52990 270
- 9003090356 Forwards NRC announcement re order to utilize imposing fine of \$210,000 for violations concerning leakage of Hudson River water into containment bldg of facility W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/03/04 OTTINGER, R.L. House of Rep., Energy & Commerce SIMPSON, A. Senate UDALL, M. House of Rep. 1p 52990 271 52990 271
- 9003090363 Ack receipt of 810332 ltr forwarding correspondence from WJ Sayles  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/03/12 D'AMATO, A. Senate 1p 52990 272 52990 272
- 9003090368 Forwards announcement that two subcommittee of ACRS will hold 1-day technical meetings on 810324-25 in Washington, DC W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/03/18 UDALL, M. House of Rep., Interior & Insular Affairs MOFFETT, T., OTTINGER, R. House of Rep 1p 52990 273 52990 273
- 9003090375 Forwards announcement that util has agreed to pay reduced fine of \$215,000 to NRC for violations identified in operation of plant W/o encl  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/03/23 UDALL, M. House of Rep., Interior & Insular Affairs MOFFETT, T., OTTINGER, R. House of Rep 1p 52990 274 52990 274
- 9003090386 Ack receipt of 810316 ltr re emergency radiological response plan to be adopted by NRC & FEMA for facility  
KAMMERER, C. Office of Congressional Affairs (Pre 870413) 81/03/26 D'AMATO, A. Senate 1p 52990 275 52990 275

- 9003090395 Forwards constituent V Holtzmaster 810206 ltr for consideration & response within 4 wks of receipt of request.  
D'AMATO, A. Senate. 81/03/30. NRC - No Detailed Affiliation Given. 2pp. 52990-278-52990-277
- 9003090399 Ack receipt of 810330 ltr forwarding constituent V Holtzmaster ltr. Response will be forwarded.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/04/06. D'AMATO, A. Senate. 1p. 52990-278-52990-278.
- 9003090403 Forwards citizen 810321 ltr for consideration & response within 4 wks of receipt of request.  
D'AMATO, A. Senate. 81/04/07. NRC - No Detailed Affiliation Given. 3pp. 52990-279-52990-281
- 9003090408 Forwards announcement that subcommittee of ACRS will hold technical meeting on 810430 to discuss utility application for OL for facility W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/04/18. UDALL, M. House of Rep. Interior & Insular Affairs. OTTINGER, R. House of Rep. 1p. 52990-282-52990-282.
- 9003090420 Responds to 810330 ltr transmitting constituent V Holtzmaster 810206 request for info on transportation of radwaste. DOT published final rule to on routing, driver training & routing exemptions. Related info encl W/o encl.  
DIRCKS, W. J. Ofc of the Executive Director for Operations. 81/04/21. D'AMATO, A. Senate. 1p. 52990-283-52990-283.
- 9003090423 Informs that technical meeting scheduled for 810430 in Riverhead, NY to discuss utility application for OL has been postponed to later date.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/04/21. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-284-52990-284.
- 9003090456 Ack receipt of 810428 ltr transmitting correspondence from D DeGraff. Response will be forwarded.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/05/11. D'AMATO, A. Senate. 1p. 52990-288-52990-288.
- 9003090489 Ack receipt of 810407 ltr on behalf of constituent M Wagar expressing concern re resumption of operations at facility. Commission issued order on 800530 re discretionary adjudication of issues. Order did 810108 encl W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/05/15. D'AMATO, A. Senate. 1p. 52990-290-52990-290.
- 9003090473 Advises that NRC equally divided over appointment of chairman for plant hearing board. per W Dircks 810508 ltr re resident concerns about emergency plans under development.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/05/20. D'AMATO, A. Senate. 1p. 52990-291-52990-291.
- 9003090496 Requests NRC consideration of encl constituent PA Powers 810416 ltr.  
D'AMATO, A. Senate. 81/05/28. NRC - No Detailed Affiliation Given. 2pp. 52990-292-52990-293.
- 9003090503 Ack receipt of 810528 ltr on behalf of constituent concern re resumption of operations at facility. NRC issued order re intent to hold discretionary adjudication for resolution of safety issues on 800530. Order did 810108 encl W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/06/24. D'AMATO, A. Senate. 2pp. 52990-294-52990-295.
- 9003090508 Forwards announcement that subcommittee of ACRS will hold technical meeting to discuss utility application for OL W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/07/07. UDALL, M. House of Rep. Interior & Insular Affairs. MOFFETT, T. OTTINGER, R. House of Rep. 1p. 52990-296-52990-296.
- 9003120098 Forwards announcement that NRC cited utility for alleged failure to adequately review safety sys change at facility. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/08/03. UDALL, M. House of Rep. Interior & Insular Affairs. OTTINGER, R. House of Rep. 1p. 52990-297-52990-297.
- 9003120104 Forwards correspondence re status of emergency planning around sites. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/08/26. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-298-52990-298.
- 9003120136 Requests NRC consideration of encl constituents, DA Hill & MP Hill 810729 ltr.  
D'AMATO, A. Senate. 81/09/28. NRC - No Detailed Affiliation Given. 1p. 52990-299-52990-300.
- 9003120140 Forwards announcement that NRC will hold technical meeting on facility in State of NY. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/09/17. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-301-52990-301.
- 9003120153 Forwards press release re issuance of 810918 memorandum & order by NRC concerning facilities. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/09/21. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-302-52990-302.
- 9003120187 Forwards announcement that NRC has assigned resident inspector to facility. Unit 2 W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/10/14. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-303-52990-303.
- 9003120187 Forwards announcement that subcommittee of ACRS will hold technical meeting on plant. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/10/14. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-304-52990-304.
- 9003120198 Ack receipt of 810828 ltr enclosing constituents, M Hill & B Hill concerns re nuclear power & radiological emergency response plans for State of NY & counties of West Chester, Orange, Putnam, Rockland, Oswego, Monroe & Wayne. W/o encl.  
DIRCKS, W. J. Ofc of the Executive Director for Operations. 81/10/06. D'AMATO, A. Senate. 1p. 52990-305-52990-305.
- 9003120210 Discusses NFS motion for order postponing effectiveness of license amend Change 31 on 810930. Objects to any NRC action to delay startup of long overdue project.  
D'AMATO, A. Senate. 81/10/20. PALLADINO, N. J. Commissioners. 1p. 52990-306-52990-306.
- 9003120221 Forwards announcement that NRC received three reports from ACRS for info.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/10/26. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-307-52990-307.
- 9003120230 Advises that NRC denied motion by NFS for stay of license amend on 810930.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/11/08. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-308-52990-308.
- 9003120236 Responds to 811020 request re motion by NFS for stay of effectiveness of license amend Change 31 to License CSF-1. NRC denied motion in encl 811108 order. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/11/10. D'AMATO, A. Senate. 1p. 52990-309-52990-309.
- 9003120246 Forwards announcement that NRC has proposed fine of \$40,000 for alleged violations of safety requirements at facility. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/11/12. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-310-52990-310.
- 9003120253 Requests NRC consideration of encl constituent ltr.  
D'AMATO, A. Senate. 81/11/13. NRC - No Detailed Affiliation Given. 2pp. 52990-311-52990-312.
- 9003120258 Forwards announcement that presiding ASLB has scheduled prehearing conference on plant for 811202 in Croton-on-Hudson, NY. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/11/17. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-313-52990-313.
- 9003120268 Ack receipt of constituents, Bannisters 811113 ltr re safety of plant. Commission 811120 order suspending license for Unit 1 encl W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/11/24. D'AMATO, A. Senate. 1p. 52990-314-52990-316.
- 9003120276 Forwards announcement that presiding ASLB has scheduled Jan 14-16 sessions for public participation in facility proceeding. Press release did 811210 re alleged violations encl W/o announcement.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/12/15. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 3pp. 52990-317-52990-317.
- 9003120283 Forwards preliminary report published by NRC to determine whether practical features for mitigating consequences of core melt accidents would contribute to plant safety at plants. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 81/12/17. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-318-52990-318.
- 9003120318 Ack receipt of 820108 ltr transmitting correspondence from constituent, R McCollum. Response will be forwarded.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/01/19. D'AMATO, A. Senate. 1p. 52990-319-52990-319.
- 9003120344 Forwards announcement that plant shut down after steam generator tube rupture on 820126. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/01/26. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-320-52990-320.
- 9003120355 Requests NRC consideration of encl constituent, TC Whitman 820118 ltr.  
D'AMATO, A. Senate. 82/01/29. NRC - No Detailed Affiliation Given. 3pp. 52990-321-52990-323.
- 9003120363 Requests NRC consideration of encl constituent, GJ Blass 810122 ltr.  
D'AMATO, A. Senate. 82/02/19. NRC - No Detailed Affiliation Given. 3pp. 52990-326-52990-328.
- 9003120372 Forwards announcement that presiding ASLB has scheduled conference on plant. W/o encl.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/02/26. OTTINGER, R. L. House of Rep. Energy & Commerce. SIMPSON, A. Senate. UDALL, M. House of Rep. 1p. 52990-329-52990-329.
- 9003120389 Responds to 820129 ltr transmitting constituent TC Whitman concerns re ability of nuclear power plants to resist major earthquakes. Commission requirements for earthquake resistant design more stringent than conventional bldg codes.  
DIRCKS, W. J. Ofc of the Executive Director for Operations. 82/03/02. D'AMATO, A. Senate. 13pp. 52990-330-52990-342.
- 9003120393 Ack receipt of 820219 ltr re amend of legislation concerning evacuation plans for nuclear plant site areas.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 82/03/04. D'AMATO, A. Senate. 1p. 52990-343-52990-343.
- 9003120403 Responds to 820219 ltr forwarding 820122 ltr from constituent GJ Blass expressing concern re evacuation planning in environs of facility. Evacuation highly unlikely as protective measure. Related info encl W/o encl.  
DIRCKS, W. J. Ofc of the Executive Director for Operations. 82/03/25. D'AMATO, A. Senate. 2pp. 52990-345-52990-346.

- 9003120412 Requests NRC consideration of encl constituent, A DeStefano & G Russo 8/20/16 ltr  
D'AMATO, A Senate 82/03/29 NRC - No Detailed Affiliation Given 2pp. 52990 347-52990 348
- 9003120419 Forwards announcement that presiding ASLB has scheduled prehearing conference on plant W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/04/02  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52990 349-52990 349
- 9003120431 Ack receipt of 820329 ltr re conversion of power plant in Staten Island area NRC has jurisdiction over nuclear plants only & has no knowledge of proposed conversion  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/04/08 D'AMATO, A Senate 1p 52990 350-52990 350
- 9003120441 Forwards introduction including executive summary & significant findings from NRC rept on 820125 steam generator tube rupture at facility D'Amato 820430 response to town of Riverhead 820412 petition re plant encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/04/21  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 4pp 52990 351-52990 354
- 9003120455 Forwards announcement that NRC has issued draft safety assessment of plant W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/06/16 SIMPSON, A Senate 1p 52990 355-52990 355
- 9003120476 Advises that NRC issued encl memorandum & order on 820727, disposing of several pleadings filed re continued operation of plants W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/07/27  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52990 356-52990 356
- 9003120480 Requests NRC consideration of encl constituent ltr  
D'AMATO, A Senate 82/07/28 NRC - No Detailed Affiliation Given 3pp 52990 357-52990 359
- 9003120484 Forwards Palladio revised version of statement which appended Commission 820727 order W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/07/29  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52990 360-52990 360
- 9003120492 Forwards FEMA rept re inadequate State of NY & local emergency response plans in vicinity of plant W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/08/04  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 001-52991 001
- 9003120495 Forwards memorandum & certification from ASLB for plant special proceeding requesting clarification of 820727 order re admissibility of contentions in proceeding W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/08/10  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 002-52991 002
- 9003120499 Responds to 820728 ltr on behalf of R Annunzio concerns re safe operation of facility & status of emergency planning in area FEMA assists state & counties in planning process & remedial action implementation W/related info W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/08/19 D'AMATO, A Senate 2pp 52991 003-52991 004
- 9003120509 Forwards ACRS rept re systematic evaluation program review of plant W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/08/23 D'AMATO, A., MOYNIHAN, D Senate HORTON, F House of Rep. 1p 52991 005-52991 005
- 9003120516 Advises that LJ Carter has resigned as administrative law judge  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/09/02  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 006-52991 006
- 9003120522 Forwards memo to administrative judges in plant proceedings, transmitting draft ltr rept on review & evaluation of plant probabilistic safety study for nfo W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/09/02  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 007-52991 007
- 9003120535 Forwards order issued by NRC appointing JP Gleason as chairman of facility licensing board W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/09/16  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 008-52991 008
- 9003120541 Forwards Commission order addressing several questions certified by ASLB in facility special proceeding W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/09/20  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 009-52991 009
- 9003120545 Requests NRC consideration of encl constituent, L Sokolow 820729 ltr  
D'AMATO, A Senate 82/10/13 NRC - No Detailed Affiliation Given 5pp. 52991 010-52991 014
- 9003120548 Ack receipt of 821013 ltr on behalf of constituent, L Sokolow re federal regulation under consideration by NRC  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/10/20  
D'AMATO, A M Senate 1p 52991 015-52991 015
- 9003120555 Forwards announcement that NRC proposes to fine util for alleged failure to meet requirements W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/12/17  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 017-52991 017
- 9003120557 Advises that NRC issued order allowing continued operation of plant through Mar 1983  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 82/12/23  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 018-52991 018
- 9003120563 Forwards announcement that special hearing re two reactors at plant resumes on 830110 W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/01/03 D'AMATO, A Senate 1p 52991 019-52991 019
- 9003120570 Forwards announcement that NRC has issued final safety assessment of plant W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/02/04  
OTTINGER, R L House of Rep. Energy & Commerce 1p 52991 020-52991 020
- 9003120577 Forwards announcement that ASLB has scheduled special public hearing for site W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/02/17 D'AMATO, A Senate 1p 52991 021-52991 021
- 9003120586 Forwards announcement that ASLB has scheduled resumption of hearing on application of util for license to operate plant W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/03/21 SIMPSON, A Senate Environment & Public Works UDALL, OTTINGER House of Rep. 1p 52991 022-52991 022
- 9003120594 Forwards announcement that NRC has cited util for alleged improper testing of one of three emergency diesel generators at plant & has proposed Section 160.10 Transmittal & 160.10.23 concern encl W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/04/11  
OTTINGER, R L House of Rep. Energy & Commerce 1p 52991 023-52991 023
- 9003120608 Forwards announcement re util alleged failure to assure adequate maintenance of part of QA program at facility W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/04/27  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M K House of Rep. 3pp 52991 024-52991 026
- 9003120616 Responds to K Mahoney request for info re demand for potassium iodide for emergency preparedness uses at plants Commission has taken no position on availability to provide potassium iodide to all members of general public  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/05/09  
D'AMATO, A M Senate 1p 52991 027-52991 027
- 9003120632 Ack receipt of 830502 ltr transmitting correspondence from J Perle of M. Itegan Lake, NY re possible unsafe conditions at facility  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/05/10 D'AMATO, A Senate 1p 52991 028-52991 028
- 9003120637 Forwards announcement that NRC considering application submitted by util for license to operate Unit 2 W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/05/11  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M K House of Rep. 1p 52991 029-52991 029
- 9003120646 Forwards announcement that NRC will consider comments from public & parties to separate proceeding in determining whether plants should be shutdown because of emergency planning deficiencies W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/05/13  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M K House of Rep. 1p 52991 030-52991 030
- 9003120654 Forwards announcement from Region I re background radiation survey around plant & BNL W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/05/26  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 031-52991 031
- 9003120658 Forwards NRC 830610 order authorizing continued operation of plants W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/06/13 D'AMATO, A Senate 1p 52991 032-52991 032
- 9003120667 Forwards announcement that NRC will hold public meeting on environmental aspects of proposed CL on 830802 W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/07/22 SIMPSON, A Senate Environment & Public Works OTTINGER, UDALL House of Rep. 1p 52991 033-52991 033
- 9003120680 Forwards announcement that ASLB has scheduled prehearing conference for facility on emergency preparedness W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/07/25  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 034-52991 034
- 9003120689 Forwards announcement that ASLB will hear oral argument on appeal of Citizens for Orderly Energy Policy, Inc from ASLB denial of petition to intervene in proceeding on 830914 W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/08/31  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 035-52991 035
- 9003120699 Forwards announcement that NRC has cited util for three alleged violations of certain Tech Specs in OL  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/10/21  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 3pp 52991 036-52991 038
- 9003120708 Forwards ASLB 831024 recommendations re operation of part W/o encl  
KAMMERER, C Office of Congressional Affairs (Pre 870413) 83/10/25  
OTTINGER, R L House of Rep. Energy & Commerce SIMPSON, A Senate UDALL, M House of Rep. 1p 52991 039-52991 039

- 9003120716 Forwards announcement that NRC has published SER re plant  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/10/27  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 2pp. 52991.040-52991.041.
- 9003120726 Forwards announcement that NRC will hold technical meeting to discuss  
application of util for full-term OL for plant W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/10/28. D'AMATO,A  
Senate. 1p. 52991.042-52991.042
- 9003120734 Ack receipt of ltr transmitting correspondence from AE Krewer of  
Brooklyn,NY re evacuation plans at plant.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/11/10. D'AMATO,A  
Senate. 1p. 52991.043-52991.043.
- 9003130064 Forwards announcement that ASLB will conduct hearing on emergency  
planning issues in OL proceeding for facility  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/11/21.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M  
House of Rep. 2pp. 52991.044-52991.045
- 9003130072 Forwards announcement that NRC considering issuance of full-term OL  
to util for operation of plant.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 83/12/14  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 3pp. 52991.046-52991.048.
- 9003130083 Forwards announcement that NRC has appointed PW Eselgroth as senior  
resident inspector at facility W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/01/23  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.049-52991.049
- 9003130095 Forwards announcement that NRC informed by New England Nuclear  
Corp that packaging of shipment of three vials of Co-141 may have been different  
than was first reported by company to NRC 4 days after vial missing W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 04/01/26  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.050-52991.050.
- 9003130104 Requests status of constituent RJ Warner application for legal  
position. Advises that Warner willing to enter federal svc at lower grade as investment  
in his future.  
D'AMATO,A. Senate. 84/02/21. CUNNINGHAM,G.H. Office of the Executive Legal Di-  
rector (Pre 860701). 1p. 52991.051-52991.051.
- 9003130114 Forwards announcement that combined subcommittee of ACRS will hold  
technical meeting on 840314 to discuss recommendations on future ACRS review of  
plant re regulatory consideration of severe nuclear accidents.W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/03/07  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.052-52991.052
- 9003130128 Forwards announcement that NRC has cited util for allegedly operating  
facility for 1 month while w/emergency safety sys not set to work correctly if  
needed.W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/03/14.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.053-52991.053
- 9003130147 Forwards announcement that ASLB will hear oral argument on 840327  
on appeals from ASLB 830921 partial decision re license proceeding for plant W/o  
encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/03/14.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.054-52991.054
- 9003130182 Forwards announcement that NRC has cited util for alleged violations at  
facility.W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/03/21.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON,A. Senate. UDALL,M  
House of Rep. 1p. 52991.055-52991.055.
- 9003130196 Forwards announcement concerning ACRS subcommittee technical meet-  
ing on 840404 re generic methodology for developing design basis severe winds for  
older nuclear power plants reviewed under Systematic Evaluation Program.W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/03/20  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.056-52991.056.
- 9003130213 Ack receipt of 840221 ltr re employment opportunities at NRC for  
constituent,RJ Warner.NRC will advise Warner when selection made re position as liti-  
gation atty.  
D'CKS,W.J. Ofc of the Executive Director for Operations. 84/03/22. D'AMATO,A.  
Senate. 1p. 52991.057-52991.057.
- 9003130230 Forwards announcement that ACRS will hold technical meeting on  
840405-07 in Washington,DC.W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/03/26.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.058-52991.058.
- 9003130244 Forwards announcement that ASLB, recently appointed to rule on util sup-  
plemental motion for low power OL for plant, has scheduled hearing on motion to  
begin 840424.W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/04/12.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.059-52991.059.
- 9003130252 Forwards Commission order re facility proceeding W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/05/18  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. DOWNEY  
House of Rep. 1p. 52991.060-52991.060.
- 9003130283 Forwards announcement that helicopter flying over facility & surrounding  
areas will be conducting routine radiological background survey.W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/06/25.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.061-52991.061.
- 9003130281 Forwards announcement that helicopter performing radiological survey  
will fly at low altitudes in area surrounding Union Carbide Corp facility W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/07/06.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.062-52991.062.
- 9003130290 Forwards announcement that presiding ASLB scheduled resumption of  
evidentiary hearing on 840730 in Hauppauge,NY re util request for low power OL for  
facility W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/07/19  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.063-52991.063
- 9003130302 Forwards announcement that NRC issued DES on environ considerations  
associated w/ util application for OL W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/08/15.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.064-52991.064
- 9003130314 Forwards announcement that presiding ASLB has scheduled resump-  
tion of 840910 hearing in State of NY re NRC proceeding on application for OL W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/08/28  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.065-52991.065.
- 9003130321 Forwards ASLB order re fuel load & cold criticality testing at plant W/o  
encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/09/05  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.066-52991.066
- 9003130327 Forwards Chairman Palladino memo denying requests for recusal from  
plant proceedings W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/09/24  
OTTINGER,R.L. House of Rep., Energy & Commerce. MOYNIHAN,D. D'AMATO,A.  
Senate. 1p. 52991.067-52991.067.
- 9003130336 Forwards announcement that NRC ordered util to submit plan for upgrad-  
ing radiation protection program at plant W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/10/01.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.068-52991.068
- 9003130358 Forwards announcement that allegation made re apparent improprieties  
or misjudgments by NRC operator licensing examiner in conducting exams at  
facility W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/10/15  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.069-52991.069
- 9003130366 Forwards ASLB order authorizing issuance of license permitting low  
power testing at facility W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/10/30.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.070-52991.070.
- 9003130377 Forwards ASLB 841031 decision & order reviewing appeals from partial  
initial decision of ASLB re offsite emergency planning & low power operation W/o  
encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/10/31.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.071-52991.071.
- 9003130384 Forwards memorandum & order for facility.W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/11/26  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.072-52991.072.
- 9003130390 Forwards announcement that NRC issued full-term OL to util for oper-  
ation of facility.W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/12/10.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.073-52991.073
- 9003130401 Forwards announcement that ASLB has scheduled conference on  
840104 re emergency planning issues in OL proceeding W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 84/12/20  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.074-52991.074
- 9003130407 Forwards announcement that ACRS subcommittee will conduct technical  
meeting on 850220-21 to discuss application of util for license to operate plant.W/o  
encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 85/01/25. House of  
Rep., Energy & Commerce. SIMPSON Senate. UDALL House of Rep. 1p. 52991.075-  
52991.075
- 9003130419 Forwards announcement that ASLB scheduled resumption of evidentiary  
hearing on 850212 re util application for license to operate plant W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 85/01/28. House of  
Rep., Energy & Commerce. SIMPSON Senate. UDALL House of Rep. 1p. 52991.076-  
52991.076.
- 9003130428 Forwards NRC order releasing previously withheld info on physical securi-  
ty issues at plant W/o encl  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 85/02/11. House of  
Rep., Energy & Commerce. SIMPSON Senate. UDALL House of Rep. 1p. 52991.077-  
52991.077.
- 9003130436 Forwards announcement that starting time of technical meeting of ACRS  
subcommittee scheduled for 850220-21 has been changed to listed time W/o encl.  
KAMMERER,C. Office of Congressional Affairs (Pre 870413). 85/02/15.  
OTTINGER,R.L. House of Rep., Energy & Commerce. SIMPSON Senate. UDALL  
House of Rep. 1p. 52991.078-52991.078.

- 9003130441 Requests NRC consideration of encl constituent, PT Crenshaw 850218 Ir D'AMATO, A Senate 85/06/13. NRC - No Delayed Affiliation Given 2pp 52991 079-52991 080
- 9003130448 Forwards announcement that NRC issued OL on 850703 to unit to conduct low power testing up to 5% of rated power W/o encl KAMMERER, C. Office of Congressional Affairs (Pre 870413) 85/07/05 MARKEY, E House of Rep. Energy & Commerce SIMPSON Senate UDALL House of Rep 1p 52991 081-52991 081
- 9003130454 Ack receipt of P Crenshaw Ir re licensing of plant NRC issued OL on 850703 to unit to permit low power testing for up to 5% rated power. KAMMERER, C. Office of Congressional Affairs (Pre 870413) 85/07/09 D'AMATO, A Senate 2pp 52991 082-52991 083
- 9003130484 Forwards announcement that ASLB will hear oral argument on 850812 in Bethesda, MD re unit appeal of ASLB 850417 partial decision on OL proceeding for plant W/o encl KAMMERER, C. Office of Congressional Affairs (Pre 870413) 85/07/28 MARKEY, E House of Rep. Energy & Commerce SIMPSON Senate UDALL House of Rep 1p 52991 084-52991 084
- 9003130472 Forwards ASLB concluding partial initial decision on emergency planning around facility W/o encl KAMMERER, C. Office of Congressional Affairs (Pre 870413) 85/08/27 MARKEY, E House of Rep. Energy & Commerce SIMPSON Senate UDALL House of Rep 1p 52991 085-52991 085
- 9003130476 Forwards announcement that ASLB will hear oral argument on 850826 in Bethesda, MD re plant W/o encl KAMMERER, C. Office of Congressional Affairs (Pre 870413) 85/09/16 MARKEY, E House of Rep. Energy & Commerce SIMPSON Senate UDALL House of Rep 1p 52991 086-52991 086
- 9003130483 Forwards announcement re ACRS technical meeting scheduled on 851010-12 W/o encl KAMMERER, C. Office of Congressional Affairs (Pre 870413) 85/09/27 MARKEY, E House of Rep. Energy & Commerce SIMPSON Senate UDALL House of Rep 1p 52991 087-52991 087
- 9003130498 Forwards ASLB decision that affirms earlier ASLB conclusion that unit lacks legal authority to implement mail portions of emergency response plan W/o encl KAMMERER, C. Office of Congressional Affairs (Pre 870413) 85/10/21 MARKEY, E House of Rep. Energy & Commerce SIMPSON Senate UDALL House of Rep 1p 52991 088-52991 088
- 9003130506 Forwards NRC Ir to FEMA requesting exercise of unit local emergency response organization plan as fully as feasible W/o encl KAMMERER, C. Office of Congressional Affairs (Pre 870413) 85/11/13 MARKEY, E House of Rep. Energy & Commerce SIMPSON, HATFIELD Senate 1p 52991 089-52991 089
- 9003130509 Forwards announcement that NRC received three repts from ACRS W/o encl KAMMERER, C. Office of Congressional Affairs (Pre 870413) 85/11/25 MARKEY, E House of Rep. Energy & Commerce SIMPSON Senate UDALL House of Rep 1p 52991 090-52991 090
- 9003130512 Forwards announcement that ASLB will hear oral argument on 860212 on appeal of pending re emergency planning phase of OL W/o encl KAMMERER, C. Office of Congressional Affairs (Pre 870413) 86/02/03 SIMPSON, A House of Rep. Energy & Commerce UDALL, M. MARKEY, E House of Rep 1p 52991 092-52991 092
- 9003130515 Requests NRC consideration of encl constituent, VA Suzzi 860307 Ir D'AMATO, A Senate 86/03/18 NRC - No Delayed Affiliation Given 2pp 52991 093-52991 095
- 9003130518 Ack receipt of 860318 Ir forwarding correspondence from VA Suzzi, Mayor of City of Glen Cove Response will be forwarded KAMMERER, C. Office of Congressional Affairs (Pre 870413) 86/03/27 D'AMATO, A Senate 1p 52991 096-52991 096
- 9003130525 Responds to 860318 referral of VA Suzzi 860307 Ir ASLB found agreements re Nassau County Veterans Memorial Co. seem satisfactory to provide reasonable assurance that unit will have access to coliseum in event of emergency. COTTER, B.P. Atomic Safety and Licensing Board Panel 86/04/02 D'AMATO, A Senate 2pp 52991 097-52991 098
- 9003130536 Requests NRC consideration of encl constituent, D Rola Ir D'AMATO, A Senate 86/05/01 NRC - No Delayed Affiliation Given 2pp 52991 101-52991 102
- 9003130539 Ack receipt of 860804 Ir re plant KAMMERER, C. Office of Congressional Affairs (Pre 870413) 86/06/03 D'AMATO, A Senate 1p 52991 103-52991 103
- 9003130543 Ack receipt of 860701 Ir re NRC decision on CLU-86-13 on facility KAMMERER, C. Office of Congressional Affairs (Pre 870413) CLU-86-13 86/07/31 D'AMATO, A Senate 1p 52991 104-52991 104
- 9003130548 Requests NRC consideration of encl constituent, MN Haas 870429 Ir D'AMATO, A Senate 87/05/08 NRC - No Delayed Affiliation Given 2pp 52991 105-52991 106
- 9003130552 Ack receipt of 870506 Ir re delay in final audit of subcontractor under Contract NRC-04-82-013 Response will be forwarded BRADBURN, J.C. Congressional Affairs NRC 04-82-013 87/05/14 D'AMATO, A Senate 1p 52991 107-52991 107
- 9003130558 Ack receipt of 870506 Ir re inquiry from constituent, MN Haas concerning payment under Contract NRC-04-82-013 STELLOV, O. Of the Executive Director for Operations NRC 04-82-013 87/05/29 D'AMATO, A Senate 1p 52991 108-52991 108
- 9003130580 Requests NRC consideration of encl constituent Ir W/o encl D'AMATO, A Senate 87/08/28 NRC - No Delayed Affiliation Given 1p 52991 109-52991 109
- 9003130582 Ack receipt of 870626 Ir on behalf of constituent, E Staler Response will be forwarded BRADBURN, J.C. Congressional Affairs 87/07/10 D'AMATO, A Senate 1p 52991 110-52991 110
- 9003130586 Ack receipt of 870628 Ir forwarding constituent E Staler Ir requesting that NRC consider certain radwaste as high level radwaste Comments entered in: correct file for ongoing or sub STELLOV, O. Of the Executive Director for Operations 87/07/27 D'AMATO, A Senate 1p 52991 111-52991 111
- 9003130589 Requests NRC consideration of encl constituent, M Brenish 870728 Ir D'AMATO, A Senate 87/07/30 NRC - No Delayed Affiliation Given 2pp 52991 114-52991 115
- 9003130571 Ack receipt of 870730 Ir on behalf of constituent M Brenish re plant Response will be forwarded BRADBURN, J.C. Congressional Affairs 87/08/26 D'AMATO, A Senate 1p 52991 116-52991 116
- 9003130573 Forwards Suppl 1 to NUREG-0654/FEMA-REP-1, Rev 1 W/o encl BRADBURN, J.C. Congressional Affairs 87/11/30 D'AMATO, A Senate 1p 52991 117-52991 117
- 9003130576 Ack receipt of 890420 Ir re constituent, E Heary of Heary Bros Lighting Protection Co. Inc Response will be forwarded BRADBURN, J.C. Congressional Affairs 89/04/27 D'AMATO, A Senate 1p 52991 118-52991 118
- 9003130576 Forwards Mayor of Village of Wellsville Ir requesting NRC Jan 1983 regulations on requirements for new low level waste disposal sites D'AMATO, A Senate 89/11/28 CARR, K Commissioners 2pp 52991 119-52991 120
- 9003130577 Requests NRC consideration of encl constituent JM McHugh 891227 Ir to A D'Amato forwarding St Lawrence Environ Mgt Council 891215 Ir NRC 82022 press release citing operators at eight plants for emergency planning violations etc encl D'AMATO, A Senate 90/01/24 KAMMERER, C Congressional Affairs 7pp 52991 121-52991 122
- 9003120048 FOIA request for documents re criteria & attributes used by NRC in determining which licensees should be removed from picklist plant or local plant O'NEALIA, M.K. Affiliation Not Assigned 80/02/22 GRIMSLEY, O.H. Division of Freedom of Information & Publications Services (Post 890205) 1p 52914 070-52914 071
- 9003120059 Final response to FOIA request App A record encl & available in PDR PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 80/03/08 O'NEALIA, M.K. Affiliation Not Assigned 2pp 52914 071-52914 072
- 8911070167 Forwards discussion paper re proposed guidelines for removal of plants from NRC watch list Proposed guidelines reviewed & commented on by regional offices Recommendations guidelines be discussed as formal agenda at Jan 1990 senior mgmt meeting MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 670411) 69/11/01 TAYLOR, J.M. Ofc of the Executive Director for Operations 6pp 52914 073-52914 078
- 9003120664 Partial response to FOIA request for documents Forwards documents listed in App C App C documents also available in PDR PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 80/03/03 CROUSE, P.J. Grant, McHendrie, Hanes & Crouse 3pc 52926 300-52926 041
- 9003120690 Ack receipt of 620731 Ir informing AEC of steps taken to correct violations noted in 620706 Ir. Advises that amend to license needed for other respiratory equipment needed PRICE, E.K. Atomic Energy Commission (Pre 750101) 62/10/17 SUTTON, A.H. Allied Chemical Corp 1p 52926 305-52926 305
- 9003120715 Discusses 851130 telcon w/SF Harantha re licensee plans for constructing pilot plant at Metropolis, IL for R&D, involving chemical reprocessing of spent fuels by fluoride volatility process HARMON, D.F. Atomic Energy Commission (Pre 750101) 65/12/06 Atomic Energy Commission (Pre 750101) 1p 52926 308-52926 308
- 9003120729 Advises that License SUB-526 amended as requested in 670307 application HARMON, D.F. Atomic Energy Commission (Pre 750101) 67/04/13 HARANTHA, S.F. Allied Chemical Corp 1p 52926 307-52926 307
- 9003120732 Advises that Items 7 & 8 in License SUB-526 amended per 651223 application HARMON, D.F. Atomic Energy Commission (Pre 750101) 66/01/24 MUMFORD, R.E. Allied Chemical Corp 1p 52926 308-52926 308
- 9003120740 Informs that Item 12 of License SUB-526 deleted following info that 10 lbs of UO3 returned to Union Carbide Nuclear Corp NUSSBAUMER, D.A. Atomic Energy Commission (Pre 750101) 64/03/23 SUTTON, A.H. Allied Chemical Corp 1p 52926 309-52926 309
- 9003120749 Informs of amend to License SUB-526 adding Item 12 per 630617 request JOHNSON, L. Atomic Energy Commission (Pre 750101) 63/07/05 SUTTON, A.H. Allied Chemical Corp 1p 52926 310-52926 310
- 9003120755 Informs that 50 mCi of either Th-234, Pa-234 or Th-234 plus Pa-234 may be disposed of by burial at any one time HARMON, D.F. Atomic Energy Commission (Pre 750101) 67/09/21 BISHOP, J.C. Allied Chemical Corp 5pp 52926 311-52926 315
- 9003120759 Requests add info re application for renewal of License SUB-526 HARMON, D.F. Atomic Energy Commission (Pre 750101) 68/01/08 BISHOP, J.C. Allied Chemical Corp 1p 52926 316-52926 316



- 9003120763 Forwards application for renewal of License SUB-526  
BISHOP, J.C. Allied Chemical Corp. 5/7/11/20 Atomic Energy Commission (Pro 750101) 1p 52926 317-52926 317
- 9003120767 Responds to 690109 request for add info re application for amend to License SUB-526 Permanently installed sample points used for measuring airborne radioactivity located in operating areas at breathing zone levels  
BISHOP, J.C. Allied Chemical Corp. 6/8/10/23 HARMON, D.F. Atomic Energy Commission (Pro 750101) 2pp 52926 318-52926 319
- 9003120779 Requests add info re 760309 application for amend to License SUB-526  
AUFELD, R.L. Atomic Energy Commission (Pro 750101) 7/10/10/27 BISHOP, J.C. Allied Chemical Corp. 1p 52926 320-52926 320
- 9003120789 Advises that License SUB-526 amended to reflect name change of Industrial Chemical's Division Specialty Chemicals Group Branch request  
HARMON, D.F. Atomic Energy Commission (Pro 750101) 6/8/10/20 BISHOP, J.C. Allied Chemical Corp. 1p 52926 321-52926 321
- 9003120797 Requests amend to License SUB-526 to reflect change in divisional name effective 6/8/501  
BISHOP, J.C. Allied Chemical Corp. 6/8/10/20 HARMON, D.F. Atomic Energy Commission (Pro 750101) 1p 52926 322-52926 322
- 9003120800 Forwards License SUB-526 as renewed  
HARMON, D.F. Atomic Energy Commission (Pro 750101) 6/8/10/20 BISHOP, J.C. Allied Chemical Corp. 1p 52926 323-52926 324
- 9003130010 Application for amend to License SUB-526 to reflect changes in operating area to expansion of production facilities & change to disposal of low activity solid waste by incineration  
BISHOP, J.C. Allied Chemical Corp. 7/10/10/27 HARMON, D.F. Atomic Energy Commission (Pro 750101) 2pp 52926 324-52926 326
- 9003130027 Informs that amend report expected in support of application for renewal of License SUB-526 re JFE production plant  
MALLARD, J.C. Atomic Energy Commission, Directorate of Licensing 7/10/10/27 FREEMAN, E.J. Allied Chemical Corp. 1p 52926 327-52926 327
- 9003130030 Requests firms & appropriate qualifications in support of the application for renewal of License SUB-526  
FREEMAN, E.J. Allied Chemical Corp. 7/10/10/27 AUFELD, R.L. Atomic Energy Commission, Directorate of Licensing 1p 52926 328-52926 328
- 9003130046 Informs that items 7 & 8 of License SUB-526 amended to include  
AUFELD, R.L. Atomic Energy Commission (Pro 750101) 7/10/10/27 BISHOP, J.C. Allied Chemical Corp. 1p 52926 329-52926 329
- 9003130077 Forwards completed report application for Metropolis Works. Informs that report has been submitted to regional production facility  
MALLARD, J.C. Allied Chemical Corp. 7/10/10/27 HARMON, D.F. Atomic Energy Commission (Pro 750101) 1p 52926 330-52926 330
- 9003130089 Requests that application for renewal of License SUB-526 be reviewed to change item 10 as attached  
RILEY, A.D. Allied Chemical Corp. 8/25/10/21 MALLARD, J.C. Atomic Energy Commission (Pro 750101) 4pp 52926 331-52926 334
- 9003130108 Confirms 760208 telcon w/ JFE Refinery to request for License to submit updated application for renewal of License SUB-526  
MULLER, J.F. Atomic Energy Commission, Directorate of Licensing 7/10/10/27 RILEY, A.D. Allied Chemical Corp. 2pp 52926 335-52926 336
- 9003130121 Informs that application for renewal of License SUB-526 will be submitted by 750220 & environmental document will be submitted by 750620  
RILEY, A.D. Allied Chemical Corp. 7/10/10/27 MULLER, J.F. Atomic Energy Commission, Directorate of Licensing 1p 52926 337-52926 337
- 9003130187 Forwards culture of rept to be submitted in support of application for renewal of License SUB-526  
RILEY, A.D. Allied Chemical Corp. 218/10/10/27 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 7pp 52926 338-52926 344
- 9003130205 Advises of delineation to supply requested updated info by Nov 1976 & decision to include in video taping coating in brassary program  
RILEY, A.D. Allied Chemical Corp. 7/10/10/27 ROTHFLEISCH, J. Atomic Energy Commission (Pro 750101) 1p 52927 005-52927 005
- 9003130235 Discusses 760929 plant visit & meeting w/ license to discuss matters re renewal of License SUB-526  
ROTHFLEISCH, J. Division of Fuel Cycle & Material Safety (Pro 870413) 7/10/10/27 Division of Fuel Cycle & Material Safety (Pro 870413) 2pp 52927 006-52927 007
- 9003130260 Forwards completed revs & updates of environ info rept Revs result in elimination of Section 3 Page 3-10 & 3-11  
RILEY, A.D. Allied Chemical Corp. 1997 7/10/10/27 ROTHFLEISCH, J. NRC - No Detailed Affiliation Given 10pp 52927 008-52927 026
- 9003130311 Forwards info to support application for renewal of License SUB-526 for Metropolis Works per 740817 request by JR Miller  
RILEY, A.D. Allied Chemical Corp. 1273 7/10/10/27 ROUSE, L.C. NRC - No Detailed Affiliation Given 33pp 52927 027-52927 357
- 9003130385 Rept of Soil Investigation Proposed Settling Ponds Metropolis, IL  
\* SO-DI CO Materials Testing Service. 7/10/10/25 12pp 52927 358-52928 126
- 9003130408 Forwards rept re surveillance of Allied Chemical Metropolis Works  
EDWARDS, Illinois, State of 76/11/30 ROTHFLEISCH, J. NRC - No Detailed Affiliation Given 17pp 52928 127-52928 143
- 9003130422 Responds to 761130 telcon w/ A Leder, requesting air & water compliance info re Allied Chemical Metropolis Plant  
MCDONALD, J.O. Environmental Protection Agency. 5077 7/10/10/27 ROTHFLEISCH, J. NRC - No Detailed Affiliation Given 8pp 52928 144-52928 151
- 9003130486 Informs that present water pollution control efforts of Allied Chemical Metropolis Works considered satisfactory  
TESKE, M.G. Illinois, State of 5078 7/10/10/27 ROTHFLEISCH, J. NRC - No Detailed Affiliation Given 3pp 52928 152-52928 154

- 9003130480 Informs that review of permit records & part wait files indicate that License plan is in compliance w/ present permit regulations & mass emission requirements of state air pollution control regulations  
FRANKE, W.H. Illinois, State of 76/12/16 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 1p 52928 155-52928 155
- 9003130487 Responds to telcon request re facilities for long-term storage of U ore concentrates  
RILEY, A.D. Allied Chemical Corp. 7/10/10/27 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 2pp 52928 156-52928 157
- 9003130493 Forwards amended pages to "Environ Info Rept" dtd 7/50616 & to supplemental rept for license renewal  
RILEY, A.D. Allied Chemical Corp. 7/10/10/27 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 3pp 52928 158-52928 159
- 9003130499 Lists info being forwarded to GW Kennedy re both of Southern IL area  
RILEY, A.D. Allied Chemical Corp. 7/10/10/27 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 2pp 52928 159-52928 160
- 9003130504 Forwards postcard description for plant health physicist & assistant health physicist per 770131 request Qualifications of present employees shown in Table 5-2 of supplemental application rept  
RILEY, A.D. Allied Chemical Corp. 7/10/10/27 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 3pp 52928 161-52928 164
- 9003130513 Forwards comments & info re data for 1975 operating year response to telephone inquiry on site w/ Illinois Division of Health 1975 operating year  
RILEY, A.D. Allied Chemical Corp. 8/29/10/27 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 2pp 52928 165-52928 167
- 9003130521 Forwards amended pages to supplemental rept per 770131 request  
RILEY, A.D. Allied Chemical Corp. 8/29/10/27 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 2pp 52928 168-52928 169
- 9003130531 Informs that station to be used for transport of fuel from transport facility  
MALLARD, J.C. Environmental Protection Agency 7/10/10/27 RILEY, A.D. Allied Chemical Corp. 1p 52928 169-52928 170
- 9003130537 Forwards certificate of compliance for Mode 35 OM shipping package  
MALLARD, J.C. Fuel Process & Fab Branch (Pro 750727) 7/10/10/27 RILEY, A.D. Allied Chemical Corp. 1p 52928 171-52928 171
- 9003130542 Certificate of compliance for Mode 35 OM  
MALLARD, J.C. Environmental Protection Agency 7/10/10/27 2pp 52928 172-52928 173
- 9003130592 Requests & will accept transfer of License SUB-949 from Lucas Petroleum Corporation of Metropolis, IL ore concentrate shipping plant effective 7/10/10/27  
RILEY, A.D. Allied Chemical Corp. 7/10/10/27 ROUSE, L.C. NRC - No Detailed Affiliation Given 1p 52928 174-52928 174
- 9003130598 Forwards amended sheet for environ info & safety manual tests Sheets reflect recently measured & calculated values of radon content of solid waste generated from operation facility  
RILEY, A.D. Allied Chemical Corp. 7/10/10/27 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 6pp 52928 175-52928 204
- 9003130608 Forwards table of 1975 & 1976 U stack emissions to confirm data given by NW Yates sample con  
RILEY, A.D. Allied Chemical Corp. 07/10/10/27 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 4pp 52928 205-52928 208
- 9003130609 Forwards 770628 transcript of Metropolis Works  
NEWMAN, R.I. Allied Chemical Corp. 07/10/10/27 ROUSE, L.C. Fuel Process & Fab Branch (Pro 750727) 3pp 52928 209-52928 211
- 9003130614 Responds to letter re reciprocity protection requirements per 10CFR20.103  
CUNNINGHAM, L.J. Division of Fuel Facility & Materials Safety inspection IE (750101) 10/10/10/27 7/10/10/27 YATES, H.W. Allied Chemical Corp. 9pp 52928 212-52928 219
- 9003130631 SEH for Allied Chemical Corp Nuclear Products Division License SUB-526 renewal  
\* Division of Fuel Cycle & Material Safety (Pro 870413) 7/10/10/31 49pp 52928 220-52928 255
- 9003130638 Forwards response to State of IL Public Health Dept concerns re negative declaration filed by NRC on need for environ impact assessment for Metropolis Works  
RILEY, A.D. Allied Chemical Corp. 08/10/10/30 ROTHFLEISCH, J. Fuel Process & Fab Branch (Pro 750727) 11pp 52928 256-52928 266
- 9003130642 Forwards plan to decommission on UF6 facility at Metropolis, IL  
NEWMAN, R.I. Allied Chemical Corp. 7/10/10/27 ROUSE, L.C. Fuel Process & Fab Branch (Pro 750727) 7pp 52928 267-52928 273
- 9003130647 Forwards amended pages to supplemental rept in support of renewal application to License SUB-526  
RILEY, A.D. Allied Chemical Corp. 08/10/10/30 ROUSE, L.C. Fuel Process & Fab Branch (Pro 750727) 27pp 52928 274-52928 300
- 9003130657 Application for amend to License SUB-526 to reflect significant improvements in methods for environ monitoring around Metropolis Works  
RILEY, A.D. Allied Chemical Corp. 08/10/10/30 ROUSE, L.C. Fuel Process & Fab Branch (Pro 750727) 3pp 52928 301-52928 303
- 9003130684 Forwards revised amended pages to supplemental rept in support of application for renewal of License SUB-526 dtd Jan 1975 Revs correctly identify Amend as 2 rather than 5 & provide add info requested during 780511 telcon  
RILEY, A.D. Allied Chemical Corp. 08/10/10/30 ROUSE, L.C. Fuel Process & Fab Branch (Pro 750727) 1p 52928 304-52928 311



CIP-DA LA J. Aided Chemical Corp 21324 82/07/23 FISHER F.O. Uranium Fuel Lic. consrg Branch 23pp 52926 312-52928 334

-9003130692 Submits review schedule for application for renewal of License SUB-526 for comments and recommendations  
CROW, W.T. Uranium Fuel Licensing Branch 83/10/17. PAPER ELLO, C.J. Region 3, Ofc of the Director 19pp 52928 335-52928 353

-9003130698 SER re application for renewal of License SUB-526  
COOL, D.A. CROW, W.T. Division of Fuel Cycle & Material Safety (Pro 870413). 85/05/28 44p. 52928 354-52929 041.

9003130549 FOIA request for notices of violation issued within last 5 yrs to RTI/Process Technology & Isomex, Inc  
WASHINGTON, W.A. Elywn, Inc 90/02/07. NRC - No Data/No Affiliation Given 1p 52915 112-52915 112

9003130555 Final response to FOIA request for records App A records encl & available in PDR Other agency records subj to request available in PDR in folders 85-774, 86-237, 86-485, 86-647, 87-268, 87-783 & 89-417  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/07 WASHINGTON, W.A. Elywn, Inc 3pp 52915 113-52915 331

-8607220410 Discusses Safety Insp 30-20458/86-01 on 860611 & forwards notice of violation  
GLENN, J.E. Region 1, Ofc of the Director 86/07/16 YOJUNG, J. Isomex, Inc (subs of Maseloff Enterprises, Inc) 2pp 52915 116-52915 118

-8607220416 Notice of violation from insp on 860611. Violations noted: proper operation of irradiator ventilation sys not monitored by pilot tube or manometer & RATO/F survey meter last calibr on 851105  
\* Region 1, Ofc of the Director 86/07/16 1p 52915 118-52915 118

-8609240042 Forwards Safety Insp Repts 30-07022/86-03 & 30-19146/86-03 on 860825 No violations noted  
MARTIN, T.T. Region 1, Ofc of the Director 86/09/17 SMITH, A. Radiation Technology, Inc 2pp 52915 150-52915 154

-8609240047 Insp Repts 30-07022/86-09 & 30-19146/86-09 on 860825 No violations noted. Major areas inspected: in-air wall source storage, irradiator, exam of facility & safety-related interlocks & review of procedures  
JOHANSEN, J.M., JOUSTRA, J.A., GLENN, J.E. Region 1, Ofc of the Director 30-19146/86-09, 86/09/15 3pp 52915 152-52915 154

-8609240212 Forwards Safety Insps 30-07022/86-10 & 30-19146/86-10 on 860828 No violations observed  
MARTIN, T.T. Region 1, Ofc of the Director 86/09/17 SMITH, A. Radiation Technology, Inc 2pp 52915 155-52915 163

-8609240217 Insp Repts 30-19146/86-10 & 30-07022/86-10 on 860828 No violations observed. Major areas inspected: determination of compliance w/ regulatory requirements & assessing performance mgmt control & quality of operations  
PICCONE, J.M., JOUSTRA, J.A., WHITE, J. Region 1, Ofc of the Director 30-07022/86-10, 86/09/16 7pp 52915 157-52915 163

-8610010379 Forwards Insp Repts 30-07022/86-11 & 30-19146/86-11 on 860904 & 05 & notice of violation  
MARTIN, T.T. Region 1, Ofc of the Director 86/09/25 SMITH, A. Radiation Technology, Inc 2pp 52915 164-52915 177

-8610010380 Notice of violation from insp on 860904 & 05  
\* Region 1, Ofc of the Director 86/09/25 1p 52915 166-52915 166

-8610010382 Insp Repts 30-07022/86-11 & 30-19146/86-11 on 860904 & 05. Violation noted: info not recorded into irradiator down time log per Procedure 9-504 for irradiator operations  
JENSEN, J.T., JOHANSEN, J.M., WHITE, J. Region 1, Ofc of the Director 30-19146/86-11, 86/09/25 11pp 52915 167-52915 177

-8610230184 Forwards Safety Insps 30-07022/86-14 & 30-19146/86-14 on 860922 No violations noted  
MARTIN, T.T. Region 1, Ofc of the Director 86/10/16 SMITH, A. Radiation Technology, Inc 2pp 52915 178-52915 189

-8610230188 Insp Repts 30-07022/86-14 & 30-19146/86-14 on 860922 Major areas inspected: circumstances surrounding fracture of water line in demineralizer sys & consequent loss of water from main & R&D pools.  
PICCONE, J.M., SCOVILL, V., WHITE, J. Region 1, Ofc of the Director 30-19146/86-14, 86/10/10 10pp 52915 180-52915 189

-8611030372 Forwards Special Safety Insp Repts 30-07022/86-13 & 30-19146/86-13 on 860915 No violations noted  
MARTIN, T.T. Region 1, Ofc of the Director 86/10/23 SMITH, A. Radiation Technology, Inc 2pp 52915 190-52915 193

-8611040087 Forwards Insp Repts 30-07022/86-12 & 30-19146/86-12 on 860910 & notice of violation  
MARTIN, T.T. Region 1, Ofc of the Director 86/10/23 SMITH, A. Radiation Technology, Inc 2pp 52915 194-52915 203

-8611040091 Notice of violation from insp on 860910  
\* Region 1, Ofc of the Director 30-19146/86-12 86/10/23 1p 52915 196-52915 196

-8611040097 Insp Repts 30-07022/86-12 & 30-19146/86-12 on 860910. Violations noted: failure to perform safety interlock test prior to operation of irradiator & failure to perform weekly maint check of source hold air sys  
THOMPSON, T.K., JOUSTRA, J.A., WHITE, J. Region 1, Ofc of the Director 30-19146/86-12, 86/10/17 7pp 52915 197-52915 203

-8611210200 Forwards Safety Insp Repts 30-07022/86-16 & 30-19146/86-16 on 861009 No violation noted  
MARTIN, T.T. Region 1, Ofc of the Director 86/11/18 SMITH, A. Radiation Technology, Inc 2pp 52915 204-52915 209

-8611250145 Forwards Safety Insp Repts 30-07022/86-15 & 30-19146/86-15 on 861003 No violations noted. Confirms understanding that licensee performed or will perform further characterization of soil for radioactive contamination  
MARTIN, T.T. Region 1, Ofc of the Director 86/11/18 SMITH, A. Radiation Technology, Inc 2pp 52915 210-52915 224

-8611250155 Insp Repts 30-07022/86-15 & 30-19146/86-15 on 861003 No violations noted. Major areas inspected: radiological safety including conformance w/ regulatory requirements & mgmt controls & quality of operations  
OBERG, C.T., LAOUN, R.H., WHITE, J. Region 1, Ofc of the Director 30-19146/86-15, 86/11/18 13pp 52915 212-52915 224

-8701080470 Forwards Safety Insp Repts 30-07022/84-01, 86-01, 86-01, 86-02, 86-03, 86-04, 86-05, 86-06, 86-07 & 86-08 & 30-19146/84-01, 86-01, 86-02, 86-03, 86-04, 86-05, 86-06, 86-07 & 86-08 on 840921, 860228, 0305, 11, 14 & 20, 04, 16, 05, 20 & 0625 Violations noted  
MARTIN, T.T. Region 1, Ofc of the Director 86/12/29 COCKRELL, R. Radiation Technology, Inc 2pp 52915 225-52915 228

-8701080508 Insp Repts 30-07022/86-02 & 30-19146/86-02 on 860305 No violations identified. Major areas inspected: compliance w/ 860303 order suspending license  
COSTELLO, F., WURTZ, E., KINNEMAN, J. Region 1, Ofc of the Director 30-19146/86-02, 86/06/02 2pp 52915 227-52915 228

-8701080513 Insp Repts 30-07022/86-03 & 30-19146/86-03 on 860311 No violations identified. Major areas inspected: compliance w/ 860303 order suspending license  
COSTELLO, F., LAOUN, R.H., KINNEMAN, J. Region 1, Ofc of the Director 30-19146/86-03, 86/06/02 2pp 52915 133-52915 134

-8701080519 Insp Repts 30-07022/86-04 & 30-19146/86-04 on 860314 Violation noted: use of licensed mail prior to NRC receipt & verification of licensee contract w/ consultant  
COSTELLO, F., WURTZ, E., KINNEMAN, J. Region 1, Ofc of the Director 30-19146/86-04, 86/06/24 3pp 52915 135-52915 137

-8701080525 Insp Repts 30-07022/86-05 & 30-19146/86-05 on 860320 No violations identified. Major areas inspected: compliance w/ conditional rescission of order suspending license including review of licensee interlock sys  
COSTELLO, F., PAULITZ, F., KINNEMAN, J. Region 1, Ofc of the Director 30-19146/86-05, 86/07/01 3pp 52915 138-52915 140

-8701080545 Insp Repts 30-07022/86-06 & 30-19146/86-06 on 860416 Violation noted: operation of irradiator w/ malfunctioning safety interlock  
COSTELLO, F., PICCONE, J., KINNEMAN, J. Region 1, Ofc of the Director 30-19146/86-06, 86/06/02 3pp 52915 141-52915 143

-8701080552 Insp Repts 30-07022/86-07 & 30-19146/86-07 on 860520 No violations noted. Major areas inspected: compliance w/ conditional rescission of order suspending license & survey of grounds outside facility.  
COSTELLO, F., WURTZ, E., KINNEMAN, J. Region 1, Ofc of the Director 30-19146/86-07, 86/06/02 3pp 52915 141-52915 145

-8701080558 Insp Repts 30-07022/86-08 & 30-19146/86-08 on 860525 No violations identified. Major areas inspected: compliance w/ 860623 order suspending license  
MILLER, J.J., JOUSTRA, J., GLENN, J. Region 1, Ofc of the Director 30-19146/86-08, 86/12/15 3pp 52915 146-52915 148

-8701090440 Forwards Safety Insp 30-07022/86-17 on 861103 No violations noted  
MARTIN, T.T. Region 1, Ofc of the Director 87/01/06 SMITH, A. Radiation Technology, Inc 2pp 52915 239-52915 246

-8701090459 Insp Rept 30-07022/86-17 on 861103 No violations noted. Major areas inspected: conformance w/ regulatory requirements & performance re mgmt controls & quality of operations  
JOHANSEN, J.M., COURTEMANCHE, S., WHITE, J. Region 1, Ofc of the Director 86/12/30 6pp 52915 241-52915 246

-8701090514 Forwards Safety Insp Repts 30-07022/86-18 & 30-19146/86-18 on 861119 & notice of violation  
MARTIN, T.T. Region 1, Ofc of the Director 87/01/06 SMITH, A. Radiation Technology, Inc 2pp 52915 229-52915 238

-8701090820 Notice of violation from insp on 861119  
\* Region 1, Ofc of the Director 30-19146/86-18, 87/01/06 2pp 52915 231-52915 232

-8701090833 Insp Repts 30-07022/86-18 & 30-19146/86-18 on 861119 Violations noted: failure to immediately notify radiation safety officer when irradiator source failed to return to shielded position & failure to obtain approval for repairs.  
THOMPSON, T.K., TAYLOR, M., DARDENT, T. Region 1, Ofc of the Director 30-19146/86-18, 86/12/30 6pp 52915 233-52915 238

-8703050105 Forwards Safety Insp Repts 30-07022/86-19 & 30-19146/86-19 on 861204-05 No violations noted  
MARTIN, T.T. Region 1, Ofc of the Director 87/02/27 SMITH, A. Radiation Technology, Inc 2pp 52915 247-52915 253

-8703050134 Safety Insp Repts 30-07022/86-19 & 30-19146/86-19 on 861204-05 No violations noted. Major areas inspected: radiological safety including conformance w/ regulatory requirements, mgmt controls & quality of operations  
MILLER, J.J., TAYLOR, M.J., WHITE, J.R. Region 1, Ofc of the Director 30-19146/86-19, 87/02/25 5pp 52915 249-52915 253

-8703300505 Confirmatory Action Ltr 87-02 re 870323 telcon concerning commitments to characterize burial of radioactive mails within protective area bounding irradiator facility in Rockaway, NJ.  
MARTIN, T.T. Region 1, Ofc of the Director. CAL-87-02 87/03/24 VARAKLIS, T. Radiation Technology, Inc. 2pp 52915 301-52915 302

--8705110190 Forwards Safety Insp Repts 30-07022/87-02 & 30-19146/87-02 on 870121 & 22. No violations noted  
WHITE, J.R. Region 1, Ofc of the Director. 87/05/05. SMITH, A. Radiation Technology, Inc. 2pp. 52915:254-52915:260.

--8705110196 Insp Rept 30-19146/87-02 & 30-07022/87-02 on 870121 & 22. No violations noted. Major areas inspected, verification & validation of licensee performance re matters affecting radiological safety  
COSTELLO, F.M., MILLER, J., WHITE, J.R. Region 1, Ofc of the Director. 30-19146/87-02. 87/04/23. 5pp. 52915:256-52915:260.

--8705180314 Forwards Safety Insp Repts 30-07022/87-03 & 30-19146/87-03 on 870220. No violations noted.  
WHITE, J.R. Region 1, Ofc of the Director. 87/05/11. SMITH, A. Radiation Technology, Inc. 2pp. 52915:261-52915:268

--8705180340 Insp Repts 30-07022/87-03 & 30-19146/87-03 on 870220. No violations noted. Major areas inspected, verification & validation of licensee performance re matters directly & indirectly affecting radiological safety.  
FRIEDMAN, L.F., SCOVILL, V.R., WHITE, J.R. Region 1, Ofc of the Director. 30-19146/87-03. 87/04/28. 6pp. 52915:269-52915:268

--8706080328 Forwards Safety Insps 30-07022/87-01 & 30-19146/87-01 on 870108-03. No violations observed.  
MARTIN, T.T. Region 1, Ofc of the Director. 87/05/28. SMITH, A. Radiation Technology, Inc. 2pp. 52915:269-52915:269

--8708080332 Insp Repts 30-07022/87-01 & 30-19146/87-01 on 870108-09. No violation noted. Major areas inspected, determining conformance w/ regulatory requirements & assessing performance re mgt control & quality of operations.  
OBERG, C.T., TAYLOR, M.J., WHITE, J.R. Region 1, Ofc of the Director. 30-19146/87-01. 87/05/26. 15pp. 52915:271-52915:289

--8706120278 Forwards Safety Insp Repts 30-07022/87-04 & 30-19146/87-04 on 870319-20 & 25. No violations noted.  
MARTIN, T.T. Region 1, Ofc of the Director. 87/06/01. SMITH, A. Radiation Technology, Inc. 1p. 52915:290-52915:300.

--8706120285 Insp Repts 30-19146/87-04 & 30-07022/87-04 on 870319-20 & 25. No violations noted. Major areas inspected, verifying & validating licensee performance on matters that directly & indirectly affect radiological safety.  
TAYLOR, M.J., WHITE, J.R. Region 1, Ofc of the Director. 30-07022/87-04. 87/05/27. 10pp. 52915:291-52915:300.

--8710290057 Forwards Safety Insp Repts 30-07022/87-06 & 30-19146/87-06 on 870618. No violations noted.  
MARTIN, T.T. Region 1, Ofc of the Director. 87/10/23. SMITH, A. Radiation Technology, Inc. 2pp. 52915:303-52915:308.

--8710290065 Insp Repts 30-19146/87-06 & 30-07022/87-06 on 870618. No violations noted. Major areas inspected, verification of licensee performance re radiological safety, including conformance w/ regulatory requirements & mgt controls.  
MILLER, J.J., PICCONE, J., WHITE, J.R. Region 1, Ofc of the Director. 30-19146/87-06. 87/09/22. 4pp. 52915:305-52915:308.

--8902280464 Discusses Insp 30-19752/89-01 on 890125-26 & forwards notice of violation  
WHITE, J.R. Region 1, Ofc of the Director. 89/02/16. YAP, S.P. Isomedix, Inc. (subs. of Maselord Enterprises, Inc.). 2pp. 52915:119-52915:121.

--8902280467 Notice of violation from Insp on 890125-26. Violation noted, surveys not routinely made to assure compliance w/ 10CFR20.106 which limits yearly average concentration of Co-60 contained in effluent.  
\* Region 1, Ofc of the Director. 89/02/16. 1p. 52915:121-52915:121.

--8905010040 Forwards Insp Rept 30-07022/89-01 on 890321 & 23. Apparent violations identified will be subj of enforcement conference to be held in King of Prussia, PA on 890428.  
KNAPP, M.R. Region 1, Ofc of the Director. EA-89-080. 89/04/17. SCANDALIOS, J. Radiation Technology, Inc. 2pp. 52915:309-52915:320.

--8905010045 Safety Insp Rept 30-07022/89-01 on 890321 & 23. Violations noted: change of procedure w/o prior NRC consent & failure to maintain high radiation area entry control device in accordance w/ 10CFR20.203 (Section 4).  
TAYLOR, M.J., WHITE, J.R. Region 1, Ofc of the Director. 89/04/14. 10pp. 52915:311-52915:320.

--8905050221 Discusses Insps 30-08985/89-01 & 30-20466/89-01 on 890307. No violations noted.  
WHITE, J.R. Region 1, Ofc of the Director. 89/04/21. DIETZ, G. Isomedix, Inc. (subs. of Maselord Enterprises, Inc.). 2pp. 52915:122-52915:132.

--8905050224 Insp Rept 30-08985/89-01 on 890307. No violations noted. Major areas inspected: limited survey for residual contamination to support release of facility for unrestricted use & wipes taken & assayed for beta removable activity.  
VAROLA, M.A., MILLER, J.J., WHITE, J.R. Region 1, Ofc of the Director. 89/04/21. 9pp. 52915:124-52915:132.

--8909080069 Forwards Enforcement Conference Rept 30-07022/89-02 on 890426. Enforcement action resulting from Insp will be transmitted by separate correspondence.  
KNAPP, M.R. Region 1, Ofc of the Director. EA-89-080. 89/08/22. SCANDALIOS, J. Process Technology of North Jersey. 2pp. 52915:321-52915:329.

--8909080072 Enforcement Conference Rept 30-07022/89-02 on 890426 Insp Rept 30-07022/89-01 findings discussed & licensee described corrective actions taken or planned.  
TAYLOR, J.M., WHITE, J.R. Region 1, Ofc of the Director. 89/08/16. 7pp. 52915:323-52915:329.

--8909290187 Discusses Insp Rept 30-07022/89-02 on 890816-17. No violation noted. Understands that licensee will proceed with the monthly safety interlock test on

9003190080 Final response to FOIA request for records App H & releasable portions of App I records encl & available in PDR. App I record partially withheld (ref FOIA Exemption 5).  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 80/03/14. ROLFE, R.M. Hunton & Williams. ROLFE, R.M. Long Island Lighting Co. 4pp. 53011:356-53012:009.

--9003190088 Forwards Ofc of Investigations Rept 5-84-008 re TDI suspected falsification of QA & QC records  
STELLO, V. Ofc of the Executive Director for Operations. 87/11/25. LIEBERMAN, J. Ofc of Inspection & Enforcement, Director (820201-870413). MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). MURRAY, J.P. Office of the General Counsel (Post 860701). 2pp. 53012:008-53012:009.

9003190110 Final response to FOIA request for documents Forwards App D documents App C documents available in PDR. Portions of App E documents withheld (ref FOIA Exemption 6).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/03/09. WEBER, M.A. New York Newsway. 5pp. 53005:338-53006:004.

--8401120584 Responds to 830920 ltr re evacuation from plant during severe weather conditions FEMA, not NRC, responsible for assessing adequacy of offsite emergency planning ltr forwarded to FEMA for response  
DIRCKS, W.J. Ofc of the Executive Director for Operations. 83/12/23. D'AMATO, A. Senate. 1p. 53005:354-53005:355.

--8401120571 Forwards constituent 830825 ltr re evacuation plan during severe weather conditions  
D'AMATO, A. Senate. 83/09/20. NRC - No Detailed Affiliation Given. 2pp. 53005:356-53005:357.

--9003190119 Ack receipt of constituent Reel 830223 ltr re plant NRC shares Reel concerns w/foremost interest in safe operation of plant & insists on reasonable assurance of emergency preparedness.  
PLAINE, H.H. Office of the General Counsel (Post 860701). 83/05/17. D'AMATO, A. Senate. 1p. 53005:344-53005:344.

--9003190160 Forwards constituent 880810 request for specific info re Section 10 of Public Law 99-240.  
D'AMATO, A.M. Senate. 89/08/16. CARR, K. Commissioners. 3pp. 53005:345-53005:347.

--9003190174 Ack receipt of 860819 ltr on behalf of constituent, JM Corrigan. Response will be forwarded.  
KAMMERER, C. Office of Congressional Affairs (Pre 870413). 86/09/05. D'AMATO, A. Senate. 1p. 53005:348-53005:348.

--9003190185 Advises that statement of policy & procedures developed & published by NRC in 1986 to outline criteria for considering petitions for rulemaking on expedited basis per 890810 request.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 880720). 89/09/06. WEISS, E. Affiliation Not Assigned. 2pp. 53005:349-53005:350.

--9003190194 Ack receipt of Corrigan 880513 ltr re wrongdoing matters & protection of whistle blowers. Ofc of Investigations currently looking into various allegations made by Corrigan.  
HAYES, B.B. Office of Investigations (Pre 880201). 86/09/15. D'AMATO, A. Senate. 1p. 53005:351-53005:351.

--9003190197 Ack receipt of ltr on behalf of constituent, JJ Sontag. Response will be forwarded.  
BRADBURN, J.C. Office of Congressional Affairs (Pre 870413). 87/07/13. D'AMATO, A. Senate. 1p. 53005:352-53005:352.

--9003190210 Discusses constituent JJ Sontag of Massapequa Park ltr re NRC proposed rule changes on emergency planning. NRC currently engaged in analyzing comments preparatory to making judgement on further action re proposed rule.  
MAI, S.H.M.G. Office of the General Counsel (Post 860701). 87/07/23. D'AMATO, A.M. Senate. 1p. 53005:353-53005:353.

--9003190221 Requests NRC consideration of encl constituent ltr re whistle-blower protection.  
D'AMATO, A. Senate. 86/08/19. NRC - No Detailed Affiliation Given. 3pp. 53005:358-53005:363.

--9003190229 Requests NRC consideration of encl constituent ltr.  
D'AMATO, A. Senate. 87/08/29. NRC - No Detailed Affiliation Given. 2pp. 53006:001-53006:002.

--9003190237 Requests NRC consideration of encl constituent ltr re whistle-blower protection.  
D'AMATO, A. Senate. 87/05/29. NRC - No Detailed Affiliation Given. 2pp. 53006:003-53006:004.

9003190114 Partial response to FOIA request for documents App G records encl. Info in App G partially withheld (ref FOIA Exemptions 5, 6 & 7).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/03/12. ROLFE, R.M. Hunton & Williams. ROLFE, R.M. Long Island Lighting Co. 4pp. 53001:331-53002:039.

--9003190142 Partially deleted memo forwarding results of interview re TDI engine & compressor div alleged use of noncertified parts in mfg of nuclear equipment, per 830211 telcon.  
VORSE, J.Y. Office of Investigations (Pre 880201). 83/02/14. HERR, R.K. Office of Investigations (Pre 880201). 8pp. 53001:343-53001:350.

--9003190155 Partially deleted memo forwarding results of interview re TDI engine & compressor div alleged use of noncertified parts in mfg of nuclear plant equipment.  
VORSE, J.Y. Office of Investigations (Pre 880201). 83/03/01. ALDERSON, C.E. Office of Investigations (Pre 880201). 2pp. 53001:351-53001:352.

--9003190163 Partially deleted memo forwarding rept of Inquiry 05-83-005 re vendor use of improper parts in fabrication of diesel engines for use in nuclear power

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-9003190201 Partially deleted rept of inquiry re vendor use of noncertified mails in mtg of nuclear plant equipment  
BURNHAM, R. Office of Investigations (Pre 890201) 83/03/31 Office of Investigations (Pre 880201) 19pp 53001357-53002015

-9003190208 Partially deleted memo forwarding gill complaint & first discovery request re TDI activities for info & use as appropriate  
OSITION, R. Office of Nuclear Reactor Regulation, Director (Post 870411) 85/10/15 HAYES, B. B. Office of Investigations (Pre 880201) 1p 53002016-53002016

-9003190220 Partially deleted memorandum re failure to disclose known or potential defects in equipment used for TDI  
MARSH, R. G. Office of Investigations (Pre 880201) 57/03/15 Federal Bureau of Investigation 3pp 53002017-53002019

-9003190223 Partially deleted memo re review & analysis of investigation of TDI Case 534-028  
FELTON, J. M. Office of Investigations (Pre 880201) 18/03/26 MARSH, R. G. Office of Investigations (Pre 880201) 3pp 53002020-53002023

-9003190230 Partially deleted investigation report 534-029, TDI Suspected Fabrication of TDI & TDI Reports  
MARSH, R. G. Office of Investigations (Pre 880201) 07/11/04 11pp 53002024-53002033

9003190315 TDI request for final account reports for Case Western Reserve Medical Center  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

9003190318 Partially deleted FOIA request for records App A & releasable portions of App B records re TDI activities and related to App A records partially withheld & App B records withheld in entirety (rel FOIA Exemption 5)  
GRIMSLEY, D. H. Division of Freedom of Information & Publications Services (Post 890205) 03/03/12 FELTON, J. M. Nuclear Licensing Reports 12pp 53003067-53003133

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

-9003190320 Responds to violation of rule in TDI activities under license 21-15237  
FELTON, J. M. Office of Investigations (Pre 880201) 03/02/15 DAVIS, A. B. Region 3, Office of the Director 1p 53012022-53012022

9003190206 Final response to FOIA request for records Releasable portions of App A records encl & available in PDR App A records partially withheld & App B records withheld in entirety (rel FOIA Exemption 5)  
GRIMSLEY, D. H. Division of Freedom of Information & Publications Services (Post 890205) 03/03/12 FELTON, J. M. Nuclear Licensing Reports 12pp 53003067-53003133

-9003190212 Forwards draft proposal re making requirements for licensees to comply with RCR of records for review & comment. Comments requested by 891215  
MILLER, V. L. State, Local & Indian Tribe Programs (870413-900111) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190218 Requests assistance in reviewing proposed rulemaking re regulation of incidents Comments requested by 891215  
MILLER, V. L. State, Local & Indian Tribe Programs (870413-900111) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190224 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
LIEBERMAN, J. Office of Enforcement (Post 870413) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
LIEBERMAN, J. Office of Enforcement (Post 870413) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
LIEBERMAN, J. Office of Enforcement (Post 870413) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
LIEBERMAN, J. Office of Enforcement (Post 870413) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
LIEBERMAN, J. Office of Enforcement (Post 870413) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
LIEBERMAN, J. Office of Enforcement (Post 870413) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
LIEBERMAN, J. Office of Enforcement (Post 870413) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
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-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
LIEBERMAN, J. Office of Enforcement (Post 870413) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

-9003190231 Requests assistance in reviewing requirements of 10CFR20.2001 (a) (1) (i) for a draft proposal to be given to licensees that when licensed in the United States, the nuclear activities of the licensee must be reported  
LIEBERMAN, J. Office of Enforcement (Post 870413) 89/12/15 Attn: Not Assigned 1pp 53005310-53005310

- 9003190309 Requests views on potential legal options for keeping individuals considered undesirable from security/trust worthiness perspective from working at nuclear power plants  
BERSON, B.A. Region 3, Ofc of the Director 87/08/18. SOHN, K.L.S.M. Assistant General Counsel for Enforcement 7pp 53053 085-53053 092
- 9003190325 Forwards info re nuclear employee data system including history, use & cost of system. Station data input screens to a d understanding of what data actually exchanged. R.S. NRC  
SUTTON, R.H. ERCA Utility Data Services Corp 88/05/24. CANT, S. Ofc of Enforcement (Post 870413) 26pp 53053 093-53053 116
- 9003190330 Notification of 88/07/12 meeting in Rockville MD to brief staff on integrated nuclear data exchange  
WONG, H.L. Ofc of Enforcement (Post 870413) 88/6/7/97. Ofc of Enforcement (Post 870413) 3pp 53053 118-53053 121
- 9003190341 Forwards draft Commission paper re what action should be taken to halt future employment of individuals removed from licensed activity by NRC because of wrongdoing  
LIEBERMAN, J. Ofc of Enforcement (Post 870413) 89/10/16. LEB, L. No Detailed Affiliation Given 2pp 53053 121-53053 121
- 9003190343 Forwards final HHS rule for national pharmacokinetic data bank for NRC  
LIEBERMAN, J. Ofc of Enforcement (Post 870413) 89/12/04. CUNNINGHAM, R.E. Office of Nuclear Material Safety & Safeguards Director 3pp 53053 122-53053 129
- 9003190347 Requests assistance in identifying options for handling problem of workers who leave employer & seek employment that may involve licensed activities  
LIEBERMAN, J. Ofc of Enforcement (Post 870413) 87/10/05. RUSSELL, W.L. Region 1, Ofc of the Director GRACE, J.N. Region 2, Ofc of the Director DAVIS, A.S. Region 3, Ofc of the Director 1p 53053 123-53053 125
- 9003190352 Forwards draft Commission paper which includes proposed rule re identifying & informing on others of wrongdoing  
LIEBERMAN, J. Ofc of Enforcement (Post 870413) 88/08/12. CHAND, F.F. Assistant General Counsel for Enforcement 1p 53053 130-53053 131
- 9003190355 Forwards Commission paper on wrongdoers for action & recommendation. Final paper be sent to Siefo for consideration  
LIEBERMAN, J. Ofc of Enforcement (Post 870413) 89/04/07. THOMPSON, H. NRC - No Detailed Affiliation Given 1p 53053 132-53053 132
- 9003190356 Forwards Federal Railroad Admin disqualification rule w/o and  
LIEBERMAN, J. Ofc of Enforcement (Post 870413) 89/12/04. CHANDLER, L. Office of the General Counsel (Post 880701) HOIC, D.Y. Region 1, Ofc of the Director JENKINS, G. Region 2, Ofc of the Director 1p 53053 133-53053 133
- 9003200057 First partial response to FOIA request for records App A records available in PDR App B,C & D records encl & available in PDR App C & D records partially withheld (ref FOIA Exemption 6)  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 39/03/15. ARIOTTO, D. Inside N.R.C. (McGraw-Hill Publication) 6pp 53055 082-53055 095
- 9003200076 Direct award of contract to AS Rosenthal for investigation of allegations that personnel in Ofc of Investigation failed to properly perform certain assigned duties  
ZECH, L.W. Commissioners 89/03/24. HALLMAN, L.L. Division of Contracts & Property Management (Post 890205) 17pp 53055 088-53055 091
- 9003200081 Partially withheld memo requesting that AS Rosenthal assume supervisory responsibilities for all investigations by Ofc of Investigations Related info encl  
ZECH, L.W. Commissioners 89/02/28. ROSENTHAL, A.S. Atomic Safety and Licensing Board Panel 32pp 53055 025-53055 056
- 9003200071 FOIA request for repts of investigations filed w/Commission by A Rosenthal on 890330, 0410, 12 & 0703, records of NRC decision to hire A Rosenthal & records of funds expended in connection w/contract NRC 34-89-347  
ARIOTTO, D. Inside N.R.C. (McGraw-Hill Publication) NRC 34-89-347 03/01/04. GRIMSLEY, D. Division of Freedom of Information & Publications Services (Post 890205) 1p 53055 001-53055 001
- 9003200094 FOIA request for records re external radiation levels & radionuclide concentrations found in soil/water or surface areas during Insp Rept 70-0033/84-01 on 840402-18 & 0521-25 & final survey of aerial radiological survey  
SULLIVAN, J.W. Affiliation Not Assigned. 90/02/21. ROBERTSON, L. Division of Freedom of Information & Publications Services (Post 890205) 1p 53054 211-53054 211
- 9003200116 Final response to FOIA request for records App A records encl & available in PDR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/15. SULLIVAN, J.W. Affiliation Not Assigned 2pp 53054 212-53054 354
- 9003200199 Final response to FOIA request for records App H records encl & available in PDR. Releasable portions of App I records also encl App I & J records partially & completely withheld, respectively (ref FOIA Exemption 6)  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/15. WILLIAMS, O. JRA Associates 6pp 53055 057-53055 191
- 8805170306 Recommends NRC endorsement of EPRI Rept NP-5652, "Guidelines for Utilization of Commercial Grade Items in Nuclear Safety-Related Applications" w/ exception, since rep establishes no new procurement requirements  
WEISS, S.H. Quality Assurance Branch (870411-881231) 88/05/10. BAER, R.L. Engineering Issues Branch (870413-880716) 4pp 53055 091-53055 094
- 8805270271 Comments on "Guidelines for Utilizing Commercial Grade Items for Nuclear Safety-Related Applications," per 880520 request. Document acceptable for dedicating commercial grade items except for Method 4 Detailed comments encl.  
PERANCHI, M.A. Inspection, Licensing & Research Integration Branch (870411-880912) 88/05/20. BAER, R. Engineering Issues Branch (870413-880716) 4pp 53055 086-53055 089
- 9003200202 Forwards comments on draft insp guidance on commercial grade procurement  
GIBSON, A.F. Region 2, Ofc of the Director 87/08/20. ROE, J.W. Division of Licensee Performance & Quality Evaluation (Post 870411) 4pp 53055 065-53055 076
- 9003200204 Comments on draft temporary instruction re commercial grade procurement. Insp industry would be better served by providing needed clarification & info via info, policy or generic ltr  
KAPUDA, G. Region 1, Ofc of the Director 87/09/26. JOHNSON, W.V. Region 1, Ofc of the Director 1p 53055 077-53055 077
- 9003200206 Comments on draft insp guidance on commercial grade procurement. Temporary instruction should be tested at one or two sites in each region & pilot insp should be accomplished by region-based specialists  
KANE, W. Region 1, Ofc of the Director 87/09/01. JOHNSTON, W. Region 1, Ofc of the Director 2pp 53055 078-53055 079
- 9003200214 Summarizes RES/NRR 880529 meeting re review of EPRI Rept NP 5652, "Guidelines for Utilization of Commercial Grade Items in Nuclear Safety-Related Applications." Attended 1st encl  
KIRKWOOD, R. Engineering Issues Branch 88/07/05. BAER, R.L. Engineering Issues Branch 3pp 53055 083-53055 082
- 9003200218 Comments on EPRI Rept NP 5652. Concern expressed over impact NRC endorsement of approach suggested in document may have on quality of safety-related equipment  
KIRK, T.L. Advanced Reactor & General Issues Branch 88/08/17. BAER, R.L. Engineering Issues Branch 3pp 53055 083-53055 084
- 9003200227 Comments on EPRI Rept NP 5652, "Guidelines for Utilization of Commercial Grade Items in Nuclear Safety-Related Applications."  
KIRK, T.L. Region 5, Ofc of the Director 88/05/19. BAER, R.L. Engineering Issues Branch 1p 53055 060-53055 060
- 9003200233 Forwards EPRI Rept NP 5652, "Guidelines for Utilization of Commercial Grade Items in Nuclear Safety-Related Applications," for review & comment w/o encl  
BAER, R.L. Engineering Issues Branch 88/04/14. ARIOTTO, G. BOSNAK, R., CAMPBELL, W. Office of Nuclear Regulatory Research (Post 860720) 3pp 53055 095-53055 097
- 9003200235 Forwards comments on proposed generic ltr re nonconforming materials equipment  
LEWIS, S.H. Office of the General Counsel (Post 890701) 88/12/12. GUILLER, L. Office of Nuclear Reactor Regulation, Director (Post 870411) 2pp 53055 095-53055 101
- 9003200334 FOIA request for documents re China export to Iraq of centrifuge magnets from 1985 to present  
LEVENTHAL, P. Nuclear Control Institute 90/02/16. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 3pp 53054 109-53054 201
- 9003200339 Final response to FOIA request for records No agency records subj to request located  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/16. LEVENTHAL, P. Nuclear Control Institute 1p 53054 202-53054 202
- 9003200346 FOIA request for FY90 & 91 long range IFM data processing plans  
JACKSON, T.L. Knorr & Associates, Inc 80/03/05. ROBINSON, L. Division of Freedom of Information & Publications Services (Post 890205) 1p 53054 203-53054 203
- 9003200347 Final response to FOIA request for records App A records encl & available in PDR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 80/03/19. JACKSON, T.L. Knorr & Associates, Inc 2pp 53054 204-53054 210
- 9003200361 "Narrative Statement on Obligations for Info Technology Sys." Related info encl  
NRC - No Detailed Affiliation Given 90/01/29 5pp 53054 208-53054 210
- 9003200370 FOIA request for all documents re licensing of Radiation Sterilizers, Inc. re State of GA for commercial use of cesium capsules produced at waste encapsulation & storage facility, compliance w/issued licenses & documents re 891206 meeting  
GILBERT, L.S. Akin, Gump, Strauss, Hauer & Feld (formerly Akin, Gump, Hauer & Feld) 90/01/19. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 2pp 53055 192-53055 193
- 9003200374 Partial response to FOIA request App A records encl & available in PDR  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/03/12. GILBERT, L.S. Akin, Gump, Strauss, Hauer & Feld (formerly Akin, Gump, Hauer & Feld) 9pp 53055 194-53057 018
- 8809190302 Discusses suspected leaking Cs-137 source capsules during shipment from Radiation Sterilizers, Inc. to ORNL. Capsules shipped in Model GE-600. Proposed procedures to assure dryness by blowing water out of canister acceptable  
MACDONALD, C.E. Transportation Branch 88/08/13. Transportation Branch 2pp 53056 056-53056 050
- 8807080022 Confirms licensee actions re suspect WESF capsule, per 890621 telcon discussing clunk & ring gauge test results. Understands that vendor will continuously monitor pool water for Cs-137 contamination  
MALLET, B.S. Region 3, Ofc of the Director 89/08/27. CHIN, A. Radiation Sterilizers, Inc. 2pp 53055 281-53055 282
- 8808240273 "Radiation Sterilizer, Inc. (RSI) Incident," summary-first interim rept.  
SETSER, J.L. Georgia, State of 89/08/30. 30pp 53055 251-53055 280
- 9001050294 Conveys NRC concerns for progress of DOE investigation into cause of failure of waste encapsulation & storage facility sources containing Cs-137. NRC urges DOE to complete investigation into cause of failure of source expeditiously  
BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director 89/12/22. YOUNG, W.H. Energy, Dept. of 2pp 53055 208-53055 207
- 9001300340 Responds to 891221 comments on NRC Info Notice 89-082, "Recent Safety-Related Incidents at Large Irradiators" & informs that pool water monitoring coupled w/operation of demineralizers considered as single unit  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870720) IEIN-89-082 90/01/17. CHIN, A. Radiation Sterilizers, Inc. 1p 53055 203-53055 203

- 9003200383 Responds to 891222 ltr expressing concern re time required to complete investigation re cause of leak in Cs-137 source used at Radiation Sterilizers, Inc facility in Decatur, GA. Progress reports on investigation to be submitted.  
YOJUNG W.H. Energy, Dept. of, 90/01/17. BERNIERO, R.M. Office of Nuclear Material Safety & Safeguards, Director 2pp 53055 204-53055 205.
- 9003200393 Summary of sixth Rad at on Sterilizers, Inc capsule & site recovery meeting on 891207 in Decatur, GA re subjects including status of casks, cask tests & testing of waste encapsulation storage facility sources at facility. Related info encl.  
VACCA, P.C. Medical, Academic & Commercial Use Safety Branch 89/12/11. GLENN, J.E. Medical, Academic & Commercial Use Safety Branch 13pp 53055 208-53055 226.
- 9003200398 Summary of fourth Radiation Sterilizers, Inc capsule & site recovery meeting on 890928 in Decatur, GA re subjects including status of ORNL hot cells capsule testing, capsules which failed inspection at Decatur & Westville & repair schedule.  
VACCA, P.C. Medical, Academic & Commercial Use Safety Branch 89/10/04. GLENN, J.E. Medical, Academic & Commercial Use Safety Branch 6pp 53055 227-53055 232.
- 9003200404 Submits report re discovery of presence of water in cavities of some Model 1500 casks owned by Radiation Sterilizers, Inc upon cask receipt at federal facilities Action plan w/ periodic testing & repair discussed. Related info encl.  
CHINA, A. Radiation Sterilizers, Inc. 89/09/29. BERNIERO, R.M. Office of Nuclear Material Safety & Safeguards, Director 18pp 53055 233-53055 250.
- 9003200413 Summary of 890418 meeting w/Westinghouse Hanford Co re shipment of cesium chloride capsules in modified Model 1500 shipping cask. Viewgraphs from presentation of status of DOE encapsulation mail program encl.  
EASTON, E.P. Transportation Branch 89/04/28. Transportation Branch 18pp 53055 283-53055 301.
- 9003200416 Forwards Amend 17 to License 04-19644-01 Amend authorizes add 400,000 Ci Co-60 in facility Request to increase Co-60 limit in direct relation to reduction of Cs-137 capsules not authorized. Requirements of Condition 23 noted.  
PELKE, P.J. Region 3, Office of the Director. 89/03/31. FAIRAND, B. Radiation Sterilizers, Inc. 1p 53055 302-53055 302.
- 9003200433 Mails licensing package for Amend 17 to License 04-19644-01 for Radiation Sterilizers, Inc. Control 387082.  
\* Region 3, Office of the Director. 387082 89/03/31 17pp 53411 001-53411 018.
- 9003200444 Handwritten memo advising of plan to suggest changes to Region III proposed conditions, subject to recipient approval. Documents re Radiation Sterilizers, Inc amend to authorize add 400,000 Ci Co-60 and W/o noted ends. W/related ends.  
VACCA, P. NRC - No Detailed Affiliation Given. 89/03/30. CUNNINGHAM, NRC - No Detailed Affiliation Given. 4pp 53055 305-53055 308.
- 9003200446 Responds to 890210 ltr re DOE investigation of Cs-137 failure at Radiation Sterilizers, Inc facility in Decatur, GA, expressing concern about delivery of formal investigation report & validity of DOE recommendations of continued use.  
BAUBLITZ, J.E. Energy, Dept. of 89/03/23. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 2pp 53055 308-53055 310.
- 9003200452 Requests to know if info eliminating thermal recycling as important cause of capsule failure exists. Info inconsistent w/NRC & State of CO interim decisions re continued use of capsules at noted locations also requested. W/related encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 89/02/10. BAUBLITZ, J.E. Energy, Dept. of. 5pp 53055 311-53055 315.
- 9003200455 Summary of 890105 meeting w/DOE, Radiation Sterilizers, Inc & Westinghouse Hanford Co in Germantown, MD to discuss current status of waste encapsulation & storage facility sources of Cs-137. List of attendees, schedule & related info encl.  
VACCA, P.C. Medical, Academic & Commercial Use Safety Branch 89/01/17. Medical, Academic & Commercial Use Safety Branch 10pp 53055 316-53055 325.
- 9003210055 SD WM-TI-203 R01 Undated Rev 1 to document entitled, "Results & Analysis for Thermal Testing of Cesium Capsules in 1500 Series Shipping Cask." Related info including Westinghouse Hanford Co viewgraphs for NRC & DOE briefing on capsule return encl.  
UHR, C.H. Rockwell International Corp. 88/11/16. 65pp 53055 326-53055 030.
- 9003210064 Discusses 881024 telcon w/J Coleman of DOE re tentative acceptance of 881103 meeting in Germantown, MD concerning Radiation Sterilizers, Inc Cs-137 capsule shipment issue. Agenda items to include listed.  
SJOBLUM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729) 88/10/25. Division of Industrial & Medical Nuclear Safety (Post 870729) 1p 53056 031-53056 031.
- 9003210072 Handwritten memo informing that T.R. Ca & author review of document re Radiation Sterilizers, Inc (RSI)/waste encapsulation & storage facility/DOE conducted per request, found nothing on RSI financial problems. Related info encl.  
VACCA, P.C. NRC - No Detailed Affiliation Given. 88/10/25. SJOBLUM, NRC - No Detailed Affiliation Given. 23pp 53056 032-53056 054.
- 9003210073 Mails licensing package for Amend 13 to License 04-19644-01 for Radiation Sterilizers, Inc.  
MCCANN, G.M. Region 3, Office of the Director. 88/09/30. 1p 53056 055-53056 055.
- 9003210084 Discusses meeting scheduled on 880815 w/DOE investigation team on waste encapsulation & storage facility capsule incident. Meeting requested by R. Hulgren, DOE. Related info, including item for EDO staff meeting & viewgraphs encl.  
HICKEY, J.W. Division of Industrial & Medical Nuclear Safety (Post 870729) 88/08/31. CUNNINGHAM, R.E., SJOBLUM, G.L. Division of Industrial & Medical Nuclear Safety (Post 870729) 2pp 53056 059-53056 078.
- 9003210092 Forwards draft PNL report, "Characterization of Waste Encapsulation & Storage Facility Cesium Chloride Capsules After 15 Months Svc in Dry Operation/Wet Storage Commercial Irradiator," by Kijmo & Tingey. W/o report w/handwritten note.  
BAUBLITZ, J.E. Energy, Dept. of. 88/07/22. CUNNINGHAM, R.E. NRC - No Detailed Affiliation Given. 2pp 53056 079-53056 080.
- 9003210098 Submits update on cesium release at Radiation Sterilizers, Inc facility in Decatur, GA noted in PNO-II-88-040 DOE informed licensee by 880813 ltr of agreement to manage effort to identify & remove source of cesium leak.  
MILLER, V.L. Medical, Academic & Commercial Use Safety Branch 88/08/15. THOMPSON, H.L. Office of Nuclear Material Safety & Safeguards, Director. 1p 53056 081-53056 081.
- 9003210105 Discusses answer to V. Selo's question at 880510 briefing re whether problems similar to leaking waste encapsulation & storage facility (WESF) Cs-137 source at Decatur facility occurring at NRC licensed WESF facilities. W/related encl.  
MILLER, V.L. Medical, Academic & Commercial Use Safety Branch 88/06/10. THOMPSON, H.L. Office of Nuclear Material Safety & Safeguards, Director 2pp 53056 082-53056 093.
- 9003210110 Discusses review of State of GA case involving access controls for large irradiation cell conducted per 880102 memo to Chapell Acquisition of comments from EDO before responding to State of GA request for assistance suggested.  
MILLER, V.L. Materials Licensing Branch 88/01/16. NUSSBAUMER, D.A. Assistant Director for State Agreements Programs 2pp 53056 084-53056 085.
- 9003210112 Ack receipt of 851026 ltr to JE Ayer re congressional budget approval of funding for food irradiation R&D. NRC agreement to assist in evaluation of demonstration facilities from design through operation noted.  
DIRCKS, W.J. Office of the Executive Director for Operations 85/12/03. MORRISON, S. House of Rep. 1p 53056 086-53056 086.
- 9003210116 Forwards ltr to DOE explaining position re decision to consider applications for use of waste encapsulation & storage facility capsules in actual wet storage irradiation facilities. W/o stated ltr. Handwritten notes encl.  
MILLER, V.L. Materials Licensing Branch 85/10/21. NUSSBAUMER, D.A. Assistant Director for State Agreements Programs 2pp 53056 087-53056 090.
- 9003210125 Requests licensing of wet storage/dry operation irradiation facility w/o y. delay, based on technical evidence which includes encl. Document PNL-5517 conclusion that 0.0001 inch crack expected in first 10 yrs. W/o document BNWL 650605 ltr encl.  
JICHA, J.J. Energy, Dept. of 85/09/06. CUNNINGHAM, R.E. Division of Fuel Cycle & Material Safety (Pre 870413) 4pp 53056 091-53056 094.
- 9003210127 Handwritten memo requesting comments on proposed thermocouple system.  
HICKEY, J. NRC - No Detailed Affiliation Given. 85/08/01. AYER, J. NRC - No Detailed Affiliation Given. 1p 53056 095-53056 099.
- 9003210130 Documents understanding & agreements between DOE & NRC re licensing of commercial facility to act as demonstration of use of waste encapsulation & storage facility capsules in wet storage/dry irradiation mode. Related info encl.  
CUNNINGHAM, R.E. Division of Fuel Cycle & Material Safety (Pre 870413) 85/04/05. JICHA, J.J. Energy, Dept. of 8pp 53056 100-53056 110.
- 9003210132 Forwards technical assistance request received by recipient from D. Nussbaum, on 841019, involving IOTEC license application for large irradiator in Colorado. Recipient branch should handle subject & related requests. W/related info.  
MILLER, V.L. Materials Licensing Branch 84/11/16. SINGER, B. Materials Certification & Procedures Branch 2pp 53056 111-53056 117.
- 9003210136 Handwritten memo requesting that recipient call & give A.Chn status of recipient ltr to Chn re use of waste encapsulation & storage facility capsules in facilities.  
SINGER, B. NRC - No Detailed Affiliation Given. 84/09/25. AYER, J. NRC - No Detailed Affiliation Given. 1p 53056 118-53056 118.
- 9003210141 Discusses telcon w/J Lubineau, OAS regarding use of waste encapsulation & storage facility capsules. Related info, consisting of handwritten note re telcon w/D. Holzman & statements of G.L. Tingey & A.Chn encl.  
SINGER, B. NRC - No Detailed Affiliation Given. 84/08/11. AYER, J. NRC - No Detailed Affiliation Given. 13pp 53056 119-53056 131.
- 9003210149 Forwards response to questions submitted w/840920 ltr to supply record of 840728 hearing on status of technical infrastructure required to support domestic food irradiation. Related info, including handwritten notes encl.  
CUNNINGHAM, R.E. Division of Fuel Cycle & Material Safety (Pre 870413) 84/10/12. LLOYD, M. House of Rep. Science, Space & Technology (formerly Science & Technology) 18pp 53056 122-53056 151.
- 9003210151 Suggests listed agenda items for meeting on 840710 in Silver Spring, MD. Related info, consisting of DOE telecommunication message. Handwritten notes re telcons w/G. Tingey & G. Bryan & handwritten notes re 840607 meeting encl.  
BASSIN, B. Materials Certification & Procedures Branch. 84/06/20. JICHA, J.J. Energy, Dept. of. 9pp 53056 152-53056 160.
- 9003210154 Responds to 840507 ltr re Cunningham 840403 communication to J. Chn & stating intention to continue w/licensing process for use of waste encapsulation & storage facility capsules containing cesium chloride. Related info encl.  
SINGER, B. Materials Certification & Procedures Branch. 84/05/23. ROBINSON, E.K. IOTEC, Inc. 7pp 53056 161-53056 167.
- 9003210161 Informs of intent to continue licensing process for irradiation facility employing waste encapsulation & storage facility capsules containing Cs-137 chloride. R. Cunningham memo encl. W/o stated memo. Record of 840504 telcon encl.  
ROBINSON, E.K. IOTEC, Inc. 84/05/07. SINGER, B. Materials Certification & Procedures Branch. 5pp 53056 168-53056 172.
- 9003210172 Marked up handwritten memo discussing visit of E.K. Robinson & G.M. Pageau, IOTEC Co. on 840502 re irradiator to be fueled w/ waste encapsulation & storage CsCl capsules. Related info, including typed page re same 840502 meeting encl.  
SINGER, B. NRC - No Detailed Affiliation Given. 84/05/02. AYER, J.E. NRC - No Detailed Affiliation Given. 5pp 53056 173-53056 177.
- 9003210180 Discusses DOE request for proposal for mobile demo irradiator to be designed to contain waste encapsulation & storage facility capsules. G. Dietz suggestion that author & J. Ayer visit Spartenburg, SC facility noted. W/related info.  
SINGER, B. Materials Certification & Procedures Branch. 84/04/16. Materials Certification & Procedures Branch. 2pp 53056 178-53056 178.
- 9003210186 "Chemical Durability of Tektites - Lab Study & Correlation w/Long-Term Corrosion Behavior." Paper from Physics & Chemistry of Glasses, "Evaluation of Chemical Stability of Vitreous Irradiation Media for Radwaste Products" encl.  
BARKATT, A., BOULOS, M.S. Catholic Univ. of America, Washington, DC. O'KEEFE, J.A. National Aeronautics & Space Admin. 84/02/22. 62pp 53056 189-53056 241.

--9003210194 Requests evaluation of registry of Model A WESF capsule. Related info, including certification package, detailed info re registry of capsule provided at 831026 meeting & excerpt of ORNL-4186 and W/ copyrighted mail. JCHA, J. Energy, Dept. of 83/10/07 BAGGETT, S. NRC - No Detailed Affiliation Given. 13pp. 53056.242-53057.019

9003210193 FOIA request for records re leak or release of radioactive substances from facility. GARTNER, E.C. Barle, Kass & Case (formerly Barle, Butzel, Kass & Case). 50/02/28 KNAPP, M.R. Region I, Ofc of the Director. 2pp. 53057.019-53057.021

--9003210216 Amends FOIA request for records re leak or release of radioactive substances at facility. Requests computer list of publicly available documents since 1976 re C. Nicholas Inc. & most current amend to 1-course SNM-639. GARTNER, E.C. Barle, Kass & Case (formerly Barle, Butzel, Kass & Case). 90/03/08 GRIMSLEY, D. Division of Freedom of Information & Publications Services (Post 890205). 1p. 53057.021-53057.021

9003210226 Final response to FOIA request for records App A records encl & available in PDR. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/19 GARTNER, E.C. Barle, Kass & Case (formerly Barle, Butzel, Kass & Case). 2pp. 53057.022-53057.032

9003210298 Final response to FOIA request for documents App D & E documents encl App E documents partially withheld (rel FOIA Exemption 6). PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/14 CROUSE, P.J. Grant, McHenry, Hanes & Crouse. 4pp. 53057.345-53058.182

--8204020154 Confirms 820203 conversation re enforcement action for Allard Corp Regional Ofc. Ir & notice of violation reviewed as requested. Agrees w/recommendation not to impose civil penalty. LIEBERMAN, J. Ofc of Inspection & Enforcement, Director. (820201-870413). EA-82-026. 82/02/09 WARNICK, R.F. Region 3, Ofc of the Director. 15pp. 53058.071-53058.085

--9003210322 Submits "U Hexaloude Release Allied Chemical Corp" rept. ROY, G.W. Atomic Energy Commission (Pre 750101). 68/11/18 Atomic Energy Commission (Pre 750101). 2pp. 53057.351-53057.352

--9003210325 Ack receipt of 681206 Ir, informing AEC of exposure of two individuals to airborne concentrations of natural U. LQW, L.D. Atomic Energy Commission (Pre 750101). 69/03/13. CALKINS, H.A. Allied Chemical Corp. 1p. 53057.353-53057.353

--9003210328 Confirms that no correspondence planned w/licensee re investigation into release of natural UF<sub>6</sub>, resulting in loss of facilities & hospitalization of two employees. No enforcement actions appear appropriate. BROCKETT, T.W. Atomic Energy Commission (Pre 750101). 69/03/13. Atomic Energy Commission (Pre 750101). 2pp. 53057.354-53057.355

--9003210330 Ack receipt of 681206 Ir, informing AEC of steps taken to correct item of apparent noncompliance noted in 681120 Ir. GRIER, B.H. Atomic Energy Commission (Pre 750101). 80/12/10. CALKINS, H.A. Allied Chemical Corp. 1p. 53057.356-53057.356

--9003210337 Forwards info re time-weighted studies of personnel exposures to highest airborne concentrations of radioactivity during period. CALKINS, H.A. Allied Chemical Corp. 68/12/06. GRIER, B.H. Atomic Energy Commission (Pre 750101). 18pp. 53057.357-53058.016

--9003210344 Responds to 770413 Ir re IE Insp Rept 40-3302/77-01. Corrective actions monthly & weekly contamination surveys taken in sodium removal U recovery bldg & control room, respectively. RILEY, A.D. Allied Chemical Corp. 77/05/05. ALLAN, J.M. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 5pp. 53058.017-53058.021

--9003210346 Forwards Insp Rept 15000027/80-17 on 800211-15. No noncompliance noted. BOOK, H.E. Region V, IE (720101-810228). 80/04/28. GRELLA, A. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 1p. 53058.022-53058.022

--9003210352 Waste Packaging Insp Rept 15000027/80-17 on 800211-15. No noncompliance noted. Major areas inspected vehicle placarding, packaging conditions & labels observed. RIEDLINGER, B.A., THOMAS, R.D., BOOK, H.E. Region V, IE (720101-810228). 80/04/24. 8pp. 53058.023-53058.030

--9003210354 Forwards Insp Rept 15000027/80-45 on 800225-0307. No noncompliance noted. BOOK, H.E. Region V, IE (720101-810228). 80/04/28. GRELLA, A. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 1p. 53058.031-53058.031

--9003210358 Waste Packaging Insp Rept 15000027/80-45 on 800225-0307. No noncompliance noted. Major areas inspected packaging conditions, vehicle placarding & labels. DECKER, T., THOMAS, R.D., BOOK, H.E. Region V, IE (720101-810228). 80/04/24. 11pp. 53058.032-53058.042

--9003210358 Forwards Insp Rept 15000027/80-50 on 800414-18. No noncompliance noted. BOOK, H.E. Region V, IE (720101-810228). 80/05/09. GRELLA, A. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 1p. 53058.043-53058.043

--9003210360 Waste packaging Insp Rept 15000027/80-50 on 800414-18. No noncompliance noted. Major areas inspected packaging conditions, vehicle placarding & package markings. FONG, F.T., THOMAS, R.D., BOOK, H.E. Region V, IE (720101-810228). 80/05/08. 9pp. 53058.044-53058.052

--9003210361 Forwards Insp Rept 15000027/80-53 on 800421-0502. No noncompliance noted. BOOK, H.E. Region V, IE (720101-810228). 80/05/16. GRELLA, A. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 1p. 53058.053-53058.053

--9003210364 Waste Packaging Insp Rept 15000027/80-53 on 800421-0502. No noncompliance noted. Major areas inspected packaging conditions, vehicle placarding & packaging marking. BASS, R.N., THOMAS, R.D., BOOK, H.E. Region V, IE (720101-810228). 80/05/16. 11pp. 53058.054-53058.064

--9003210365 Forwards Insp Rept 15000027/80-59 on 800804-07. No noncompliance noted. BOOK, H.E. Region V, IE (720101-810228). 80/10/16. GRELLA, A. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 1p. 53058.065-53058.065

--9003210367 Waste Packaging Insp Rept 15000027/80-59 on 800804-07. No noncompliance noted. Major areas inspected packaging conditions, vehicle placarding, package labeling & shipping papers. RIEDLINGER, B.A., GRAYSON, W.M., THOMAS, R.D. Region V, IE (720101-810228). 80/10/15. 5pp. 53058.066-53058.070

--9003220024 Partially deleted memo forwarding investigation report on 681114-21 re release of natural UF<sub>6</sub>, resulting in hospitalization of two employees for treatment of acid burns & temporary loss of facilities. PHILLIPS, J.D. Atomic Energy Commission (Pre 750101). 69/01/08. ROEDER, J.R. Atomic Energy Commission (Pre 750101). 2pp. 53058.086-53058.087

--9003220032 Partially deleted investigation report on 681114-21. Major areas investigated release of natural UF<sub>6</sub> which resulted in loss of facilities & hospitalization of two employees. GRIER, B.H., FINN, J.A., ASHLEY, E.C. Atomic Energy Commission (Pre 750101). 69/01/06. 8pp. 53058.088-53058.171

--9003220041 Partially deleted memo summarizing 690925 action w/EJ Freeman re results of local samples of licensee employees provided in Nov 1968 & analyzed in Sept 1969. FINN, J.A. Atomic Energy Commission (Pre 750101). 69/09/25. Atomic Energy Commission (Pre 750101). 1p. 53058.172-53058.172

--9003220047 Partially deleted memo discussing increase in number of contaminated firm badges. YATES, R.W. NRC - No Detailed Affiliation Given. 75/12/19. RILEY, A.D. NRC - No Detailed Affiliation Given. 5pp. 53058.173-53058.177

--9003220054 Forwards partially deleted 770822 Ir re medical report to licensee employee involved in 681112 UF<sub>6</sub> release incident. ALLAN, J.M. Region III, IE (720101-810228). 77/09/08. HIGGINBOTHAM, L. Division of Fuel Facility & Materials Safety Inspection, IE (750101-801210). 5pp. 53058.178-53058.182

9003280111 FOIA request for documents & records relevant to & generated in connection w/Insp Rept 50-445/80-05 & 50-446/80-05 on 900131 re Thermo-Lag issues. GARDE, B.P. Robinson, Robinson, Peterson, Bark, Rudolph, Cross & Garde. 80/02/05. GRIMSLEY, D. NRC - No Detailed Affiliation Given. 3pp. 53142.307-53142.309

9003280125 Final response to FOIA request for documents App A & B records available in PDR App B records and App C records withheld (rel FOIA Exemption 5 & 7). GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 90/03/21. GARDE, B.P. Robinson, Robinson, Peterson, Bark, Rudolph, Cross & Garde. 5pp. 53142.302-53142.306

--9003280182 Responds to 681122 Ir to NRC re Thermo-Lag dispute. GRIER, B.H. Robinson, Robinson, Peterson, Bark, Rudolph, Cross & Garde. 80/02/05. GRIMSLEY, C.I. Comanche Peak Project Division (890101-900802). 13pp. 53142.310-53142.322

9003280210 FOIA request for documents re 900222 memo on temporary waiver of compliance. WILLIAMS, O.G. JRA Associates. OGW 90-053. 90/03/13. GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205). 1p. 53142.329-53142.329

9003280216 Final response to FOIA request for document App A record encl. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/26. WILLIAMS, O.G. JRA Associates. 2pp. 53142.323-53142.326

9003280247 FOIA request for SECY-89-56 to be placed in PDR. CHAPMAN, N.G. Bechtel Power Corp. 90/02/21. NRC - No Detailed Affiliation Given. 1p. 53142.341-53142.341

9003280251 Final response to FOIA request for document App A records encl. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/26. CHAPMAN, N.G. Bechtel Power Corp. 2pp. 53142.330-53142.340

--8902170460 SECY-89-055 Briefs Commission on NRC review & assessment of alternative methods for conduct of NRC administered requalification exams, per request of 880520 staff requirements memo. STELLO, V. Ofc of the Executive Director for Operations. 89/02/13. 9pp. 53142.332-53142.340

# GEN TEC IS GENERIC TECHNICAL ISSUES

8910060042 Summarizes 351st ACRS meeting on 890713-14. ACRS decided to review proposed power increase for Indian Point Unit 2 & not to review proposed amendments to 10CFR21. Future agenda items listed. REMICK, F.J. ACRS - Advisory Committee on Reactor Safeguards. 89/08/07. CARR, K.M. Commissioners. 3pp. 52816.009-52816.011

8910060263 Summarizes 352nd ACRS meeting on 890810-11. Encl Ir re proposed resolution of Generic Issue 79 prepared & ACRS decides on to review proposed restart of facility noted Future agenda items listed. REMICK, F.J. ACRS - Advisory Committee on Reactor Safeguards. 89/08/05. CARR, K.M. Commissioners. 2pp. 52816.012-52816.014

9002230497 Responds to 881117 request for assistance in reviewing open issue identified during post-fire safe shutdown capability Insp at plant. Recommends that issue re reactor coolant pump be closed pending resolution of Generic Issue 23. HOLAHAN, G.M. Assistant Director for Region III Reactors (Post 891001). TAC 71238. 90/02/18. ZIMMERMAN, R. Region 5, Ofc of the Director. 2pp. 52715.115-52715.116

**9002260038** Forwards status summary of implementation of each USI, including info provided by unit in response to Generic Ltr 89-21, status summary for each USI applicable to facility & NRC data base priority for plant. Record copy.  
SHEMANSKI, P.C. Project Directorate II-2. GL-89-21. 90/02/13. Project Directorate II-2. 46pp. 52816.056 52816.104

**9002260234** Notification of 900223 meeting with in Rockville, MD to discuss proposed response to Generic Ltr 89-13.  
WENSLI, A. Project Directorate II-5. GL-89-19. 90/02/13. MATTHEWS, D.B. Project Directorate II-3. 3pp. 52738.143-52738.145

**9002260574** Requests that response to Generic Ltr 89-19, "Request for Action on Resolution of USI A-47, Safety Implications of Control Sys in LWR Nuclear Power Plants," be referred to 900201 Extension needed to allow 60 days time to review.  
FLOYD, S.D. BWR Owners Group, GL-89-19. 90/02/14. PARTLOW, J.G. Associate Director for Projects (Post 870411). 1p. 52755.266-52755.267

**9002260886** Supp's 891139 response to Generic Ltr 89-21 re status of implementation of USI at facilities USI A-10 re CRD return line nozzle completed in Jul 1985 for Unit 2 & utilization for Unit 3.  
HUNGER, G.A. Philadelphia Electric Co. GL-89-21. 90/02/13. Document Control Branch (Document Control Desk). 6pp. 52756.128-52756.132

**9002260970** Summary of actions discussed at ACRS 553rd meeting on 890917-09, including regis & other actions, agreements, assignments & requests & future agenda.  
REMICKE, J. ACRS - Advisory Committee on Reactor Safeguards. 89/10/01. CARP, K.M. Commissioners. 2pp. 52776.010-52776.011

**9002260978** Summary of ACRS Subcommittee on AC/DC Power Sys Reliability 891001 meeting in Bethesda, MD re proposed final resolution of Generic Issue B-56, "Design Generator Reliability" & proposed Reg Guide 1.9 Rev. 3.  
ACRS - Advisory Committee on Reactor Safeguards. 89/10/11. ACRS - Advisory Committee on Reactor Safeguards. 11pp. 52763.033-52763.044

**9003020205** Forwards safety evaluation of 850419 & 860121 submittals containing instructions for leaving Burch containment isolation valves open continuously per Generic Item B-24. Action unacceptable & opening of valves should be limited.  
TATUM, J.E. Project Directorate V. TAC. 5540a. 90/02/22. RAY, H.B. Southern California Edison Co. 4pp. 52836.181-52836.186

**9003070057** Forwards prioritization evaluation of Generic Issue 81, "Impact of Locked Doors & Barriers on Plant & Personnel Safety." Issue re estimated public risk posed by electric door lock failures will be dropped.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/27. MORRIS, B.M. Division of Regulatory Applications (Post 870413). 7pp. 52888.154-52888.160

**9003070059** Forwards prioritization evaluation re Generic Issue 109, "Reactor Vessel Closure Failure." Studies concluded that all boiling applications could be significantly improved w/ revised procedures & better training.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/27. MORRIS, B.M. Division of Regulatory Applications (Post 870413). 6pp. 52890.074-52890.079

**9003070060** Forwards prioritization evaluation re Generic Issue 95, "Loss of Effective Vol for Containment Recirculation Spray." Info notified by NRC & upon issuance will resolve issue. High priority ranking should be assigned to issue.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/27. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 7pp. 52890.056-52890.062

**9003070062** Forwards prioritization evaluation re Generic Issue 129, "Valve Interlocks to Prevent Vessel Drainage During Shutdown Cooling." Estimated public risk associated w/ issue small & issue will be dropped from further consideration.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/26. MORRIS, B.M. Division of Regulatory Applications (Post 870413). 10pp. 52890.044-52890.053

**9003070066** Forwards prioritization evaluation of Generic Issue 71, "Failure of Resin Demineralizer Sys & Effects on Nuclear Power Plant Safety." Possible fixes include addition of six bargainers per plant on outlet of demineralizers.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/26. MORRIS, B.M. Division of Regulatory Applications (Post 870413). 10pp. 52890.088-52890.107

**9003070079** Forwards prioritization evaluation re Generic Issue 117, "Allowable Outage Times for Diverse Simultaneous Equipment Outages." Issue addressed in Tech Spec Improvement Program & will be dropped as separate issue.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/26. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 7pp. 52890.001-52890.007

**9003070081** Forwards prioritization evaluation re Generic Issue 140, "Fission Product Removal Sys." Technical concerns w/ issue already addressed in Severe Accident Program & issue will be dropped from further consideration.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/26. MORRIS, B.M. Division of Regulatory Applications (Post 870413). 4pp. 52887.321-52887.324

**9003070083** Forwards prioritization evaluation re Generic Issue 98, "RRR Suction Valve Testing." Issue 86 covered via resolution of Issue 105, "Interfacing Sys LOCA at LWRs."  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/26. MINNERS, W. Division of Safety Issue Resolution (Post 860717). 8pp. 52890.108-52890.116

**9003070130** Forwards prioritization evaluation re Generic Issue 107, "Main Transformer Failure." Evaluation will be incorporated into NUREG-0933, "Prioritization of Generic Safety Issues," & sent to other offices for comment.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/26. MORRIS, B.M. Division of Regulatory Applications (Post 870413). 8pp. 52887.326-52887.333

**9003080213** NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52997.190-52997.287

**9003090143** Forwards prioritization evaluation for Generic Issue 63, "Use of Equipment: Not Classified as Essential to Safety in BWR Transition Analysis." Issue has little safety significance & should be dropped from further consideration.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720). 90/02/26. MORRIS, B.M. Division of Regulatory Applications (Post 870413). 7pp. 52946.342-52946.348

**9003120156** Forwards regulatory history for proposed amendment to 10CFR50.61, "Fracture Toughness Requirements for Protection Against PTS Events," published in FR at 901226.  
RANDALL, P.N. Division of Engineering (Post 870413). AD01-1. 01. 90/03/02. LESAR, M.T. Regulatory Publications Branch. 2pp. 52914.079-52915.111

**9003120340** Responds to 890602 memo re review of proposed amendment to 10CFR50.61. No comments offered.  
SHAQI, C. Division of Engineering & Systems Technology. (870411-890626). AD01-1. 11. 89/07/12. BOSNAK, R.J. Division of Engineering (Post 870413). 3pp. 52914.117-52914.127

**9003130099** Responses to Generic Ltr 89-19 re resolution of USI A-47 on safety implications of control sys & Generic Ltr 89-21 USI A-45 A-46 A-47 A-48 & A-49 completed status of USI A-47 changed from evaluating to no changes necessary.  
STEIGER, W.E. Long Island Lighting Co. GL-89-21. 90/02/27. Document Control Branch (Document Control Desk). 6pp. 52995.048-52995.053

**9003140030** Advises that unit endorses BWR Owners Group request to extend date for units to respond to Generic Ltr 89-19 re resolution of USI A-47 until 900601 in order to review BWR Owners Group response to be submitted by 900320.  
MINECK, D.L. Iowa Electric Light & Power Co. GL-89-19. 90/03/05. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 53019.040

**9003140208** Forwards list of unimplemented USIs at facilities per Generic Ltr 89-21, including USI A-44 re station blackout, USI A-46 re seismic qualification of equipment in operating plants & USI A-47 re safety implications of control sys.  
ENGLE, L. Project Directorate II-2. GL-89-21. 90/03/07. STEWART, W.L. Virginia Power (Virginia Electric & Power Co.). 3pp. 53030.002-53030.004

**9003140260** Forwards current status of all unimplemented USIs per Generic Ltr 89-21, including A-9 re ATWS, A-26 re reactor vessel pressure transient protection, A-41 re station blackout, A-46 & A-47.  
MCDONALD, D.G. Project Directorate I-1. GL-89-21. 90/03/08. CREEL, G.C. Baltimore Gas & Electric Co. 3pp. 53018.031-53018.033

**9003140281** Forwards understanding of current status of all unimplemented USIs & encourages effort for completion.  
SEARS, P.M. Project Directorate I-3. GL-89-21. 90/03/06. PAPANIC, G. Yankee Atomic Electric Co. 3pp. 53000.010-53000.012

**9003150008** Forwards supplemental response to Generic Ltr 89-21 re implementation of USI A-11, "Reactor Vessel Wall Toughness." GE rept re upper shell energy analysis for brittle re malts encl.  
MORGAN, W.E. Commonwealth Edison Co. GL-89-21. 90/03/05. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 53032.252-53032.254

**9003150110** Forwards list representing NRC assessment of USI implementation at plant. Results of assessment presented to Commission at 900214 meeting.  
SHIRAKI, C. Project Directorate I-2. GL-89-21. 90/03/07. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53059.348-53059.351

**9003150148** Forwards list of unimplemented USIs for facility per Generic Ltr 89-21, including A-44 re station blackout, A-46 re seismic qualification of equipment in operating plants & A-47 re safety implications of control sys in LWRs.  
DAVIS, M.J. Project Directorate III-3. GL-89-21. 90/03/09. EVERS, K.H. Wisconsin Public Service Corp. 4pp. 53032.248-53032.251

**9003150217** Forwards understanding of current status of all unimplemented USIs per Generic Ltr 89-21.  
HALL, J.R. Project Directorate III-3. GL-89-21. 90/03/08. LILL, Iowa Electric Light & Power Co. 4pp. 53025.292-53025.295

**9003160041** Forwards list representing assessment of USI implementation at plant. Results of assessment presented to Commission at 900214 meeting.  
NORRIS, J.A. Project Directorate II-2. GL-89-21. 90/03/08. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 53060.097-53060.099

**9003160050** Responds to Generic Ltr 89-11, "BWR Reactor Water Level Redundancy," providing resolution to Generic Issue 101 & NUREG/CR-5112. Breaks in vessel level instrumentation have no effect on leadwater operation.  
EDDY, J.D. Consumers Power Co. GL-89-11. 90/02/14. Document Control Branch (Document Control Desk). 5pp. 53060.100-53060.104

**9003160150** Forwards status of unimplemented USIs at plant per Generic Ltr 89-21. SER & SSER expected for A-44 & A-46 respectively & A-47 has new requirement.  
BRINKMAN, D.S. Project Directorate I-1. GL-89-21. 90/03/08. BRAM, S.B. Consolidated Edison Co. of New York, Inc. 3pp. 53042.041-53042.043

**9003160298** Forwards status of unimplemented USIs at plant per 891019 request.  
LABARGE, D.E. Project Directorate I-1. GL-89-21. 90/03/08. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 3pp. 53035.358-53035.360

**9003190273** Forwards list representing current status of unimplemented USIs at plant per 891019 request.  
DIANNI, D.C. Project Directorate III-1. GL-89-21. 90/03/13. PARKER, T.M. Northern States Power Co. 4pp. 53050.248-53050.251

**9003190315** Forwards current status of unimplemented USIs for facility per Generic Ltr 89-21, including USI A-9 re ATWS, USI A-44 re station blackout, USI A-46 re seismic qualification of equipment & USI A-47.  
HERNAN, R.W. Project Directorate I-4. GL-89-21. 90/03/12. HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. 3pp. 53050.287-53050.289

**9003190316** Forwards list presenting NRC understanding of current status of all unimplemented USIs for facility per 891214 response to Generic Ltr 89-21.  
FAIRFIELD, M.B. Project Directorate I-3. GL-89-21. 90/03/08. BIRD, R.G. Boston Edison Co. 3pp. 53050.315-53050.317



**90032190320** Forwards list of unimplemented USIs per Generic Ltr 89-21, including USI A-9 re ATWS, USI A-44 re station blackout, USI A-46 re seismic qualification of equipment in operating plants, USI A-47 & USI A-48. FROMERICK, A.W. Project Directorate I-4. GL-89-21. 00/03/12. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. 3pp. 53050.283-53050.285

**9003200030** Forwards NRC understanding of current status of all unimplemented USIs for plant per 891019 Generic Ltr 89-21. MASCIANTONIO, A. Project Directorate III-1. GL-89-21. 00/03/14. BERRY, K.W. Consumers Power Co. 4pp. 53169.261-53039.261

**9003200037** Advises that utility intends to address steam generator overfill concerns (USI A-47) utilizing individual plant exam process per Generic Ltr 89-14. BURSKE, H.F. Louisiana Power & Light Co. GL-89-14. 00/03/14. Document Control Branch (Document Control Desk). 9pp. 53077.332-53077.340

**9003200089** Discusses NRC understanding of unimplemented USIs at facility per 891201 response to Generic Ltr 89-21. LEEDS, E.J. Project Directorate I-3. GL-89-21. 00/03/08. FRIZZLE, C.D. Maine Yankee Atomic Power Co. 3pp. 53071.124-53071.124

**9003200141** Forwards NRC understanding of current status of unimplemented USIs for plant based on 891129 response to Generic Ltr 89-21, review of NRC records & discussions between staff & project manager. WIGGINTON, D.L. Project Directorate IV (891001-900602). GL-89-21. 00/03/09. DEWEASE, J.G. Louisiana Power & Light Co. 3pp. 53079.118-53079.121

**9003200381** Documents NRC understanding of current status of unimplemented USIs at facility per 891019 response to Generic Ltr 89-21, including A-44 re station blackout, A-46 re seismic qualification & A-47 re control sys in LWR. O'CONNOR, P.W. Project Directorate IV (891001-900602). GL-89-21. 00/03/12. TREVORS, G.A. Nebraska Public Power District. 5pp. 53070.025-53070.029

**9003210081** Forwards NRC understanding of current status of unimplemented USIs for facility list representing assessment of USI implementation and JAFFE, D.H. Project Directorate I-4. GL-89-21. 00/03/13. MROCK, K.A.E. Connecticut Yankee Atomic Power Co. 3pp. 53105.119-53105.121

**9003210142** Forwards NRC understanding of current status of USIs at plant per 891129 response to Generic Ltr 89-21. PAULSON, J.C. Project Directorate IV (891001-900602). GL-89-21. 00/03/09. PEDDENS, J.A. Gulf States Utilities Co. 4pp. 53112.043-53112.046

**9003210153** Forwards NRC understanding of current status of all unimplemented USIs for plant based on 891127 response to Generic Ltr 89-21, review of NRC records & discussions between NRC project manager & utility. FAIRFIELD, M.B. Project Directorate I-3. GL-89-21. 00/03/09. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. 4pp. 53112.081-53112.084

**9003210255** Provides util sched. for resolution of USI A-2 Util will determine RCS leak detection sys capability & response time & submit revs to Tech Specs by 900731 if necessary. GATES, W.G. Omaha Public Power District. LIC-89-0236. 00/03/15. Document Control Branch (Document Control Desk). 2pp. 53105.132-53105.133

**9003210294** Advises that final response to Generic Ltr 89-19 re USI A-47 will be filed on or before 900504 BWR Owners Group will submit generic response by 900320 for review. PARKER, T.M. Northern States Power Co. GL-89-19. 00/03/09. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 53105.129-53105.129

**9003220004** Forwards list of unimplemented USIs at plant per 891127 response to Generic Ltr 89-21. PICKETT, D.V. Project Directorate IV (891001-900602). GL-89-21. 00/03/13. WITHERS, B.D. Wolf Creek Nuclear Operating Corp. 4pp. 53105.200-53105.203

**9003220009** Forwards list of unimplemented USIs for plant per 891204 response to Generic Ltr 89-21. DICK, G.F. Project Directorate IV (891001-900602). GL-89-21. 00/03/12. HALL, D.P. Houston Lighting & Power Co. 5pp. 53113.281-53113.285

**9003220026** Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47, 'Safety Implication of Control Sys in LWR Nuclear Power Plants,'" per 10CFR50.54(f). "Current design adequate w/o add'l Tech Specs." HUKILL, H.D. General Public Utilities Corp. - GPU Service Corp. C311-89-2031. 00/03/12. Document Control Branch (Document Control Desk). 4pp. 53128.057-53128.060

**9003220038** Forwards response to Generic Ltr 89-19, "Safety Implication of Control Sys in LWR Nuclear Power Plants." COCKFIELD, D.W. Portland General Electric Co. GL-89-19. 00/03/15. Document Control Branch (Document Control Desk). 4pp. 53113.315-53113.318

**9003220247** Forwards understanding of current status of unimplemented USIs for facility. BOYLE, M.L. Project Directorate I-4. GL-89-21. 00/03/15. MROCK, K.A.E. J. Connecticut Yankee Atomic Power Co. MROCK, K.A.E. J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 4pp. 53145.013-53145.016

**9003220296** Informs of resolution of USI A-47 per Generic Ltr 89-19. HAIRSTON, W.G. Alabama Power Co. GL-89-19. 00/03/14. Document Control Branch (Document Control Desk). 2pp. 53147.016-53147.017

**9003220307** Responds to Generic Ltr 89-19 re safety implementation of control sys in LWR nuclear power plants per 890920 request & understands that NRC has agreed to extend response deadline until 900504. HAIRSTON, W.G. Georgia Power Co. GL-89-19. 00/03/14. Document Control Branch (Document Control Desk). 2pp. 53165.278-53165.280

**9003220316** Forwards NRC understanding of current status of unimplemented USIs for plant. MARTIN, R.E. Project Directorate I-1. GL-89-21. 00/03/19. BURKHARDT, L. Niagara Mohawk Power Corp. 4pp. 53165.268-53165.271

**9003230037** Forwards NRC understanding of current status of unimplemented USIs at facility per 891117 response to Generic Ltr 89-21 & review of agency records. NEIGHBORS, J.D. Project Directorate I-1. GL-89-21. 00/03/13. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 3pp. 53126.357-53126.359

**9003230074** Notices NRC of intent to defer response to Generic Ltr 89-19 per 900306 approved scheduler extension response will be submitted on or before 900504. TREVORS, G.A. Nebraska Public Power District. NLS900308. 00/03/15. Document Control Branch (Document Control Desk). 2pp. 53139.150-53139.151

**9003230147** Responds to Generic Ltr 89-13, "Svc Water Sys Problems Affecting Safety-Related Equipment." Sys used at plant to transfer heat from safety-related structures, sys & components to eliminate heat sink discussed. MEDFORD, M.O. Tennessee Valley Authority. GL-89-13. 00/03/16. Document Control Branch (Document Control Desk). 12pp. 53146.224-53146.235

**9003260020** Forwards NRC understanding of current status of all unimplemented USIs for plant, staff encourages effort to complete unimplemented USIs. BECKER, R.A. Project Directorate I-1. GL-89-21. 00/03/16. FURY, I.W. Carolina Power & Light Co. 3pp. 53148.289-53148.301

**9003260026** Forwards NRC understanding of current status of all unimplemented USIs for plant based on review of 891128 response. BOURNIAA, Project Directorate IV (891001-900602). GL-89-21. 00/03/17. GATES, W.G. Omaha Public Power District. 4pp. 53445.311-53445.314

**9003260126** Presents NRC understanding of current status of unimplemented USIs at facility per Generic Ltr 89-21. SILVER, H. Project Directorate II-2. GL-89-21. 00/03/21. BEARD, P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 53146.352-53146.353

**9003260142** Presents NRC understanding of status of current unimplemented USIs at facility per Generic Ltr 89-21. LOREN, Project Directorate I-1. GL-89-21. 00/03/20. FURY, I.W. Carolina Power & Light Co. 4pp. 53150.085-53150.088

**9003260199** Responds to Generic Ltr 89-19 re safety implication of control sys in LWR nuclear power plants. Completion of detailed design studies & safety assessment, needed before decision on steam generator overfill protection sys made. ROSENBLUM, R.M. Southern California Edison Co. GL-89-20. 00/03/20. Document Control Branch (Document Control Desk). 2pp. 53147.163-53147.164

**9003260245** Provides util response to Generic Ltr 89-19 re request for action on resolution of USI A-47, "Safety Implication of Control Sys in LWR Nuclear Power Plants." Mods made to ESFAS logic design. RHODES, F.T. Wolf Creek Nuclear Operating Corp. E1 90-0048. 00/03/19. Document Control Branch (Document Control Desk). 4pp. 53147.158-53147.162

**9003260254** Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47." Operability & surveillance requirements for steam generator overfill protection sys will be incorporated in Tech Spec change. STEWART, W.I. Virginia Power (Virginia Electric & Power Co.). 89-736. 00/03/19. Document Control Branch (Document Control Desk). 3pp. 53147.234-53147.236

**9003260267** Responds to Generic Ltr 89-19 re USI A-47, "Safety Implication of Control Sys in LWR Nuclear Power Plants." Mod Request MR-F084 initiated to provide automatic steam generator overfill protection. GATES, W.G. Omaha Public Power District. GL-89-19. 00/03/19. Document Control Branch (Document Control Desk). 4pp. 53148.037-53148.040

**9003260335** Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47." Util concurs w/conclusions of NUHEG-1218 that implementation of overfill protection at plant not warranted. BERRY, K.W. Consumers Power Co. GL-89-19. 00/03/19. Document Control Branch (Document Control Desk). 9pp. 53189.096-53189.104

**9003260337** Forwards list of unresolved USIs for facilities, including USI A-44 re station blackout, USI A-46 re seismic qualification of equipment in operating plants & USI A-47 re safety implications of control sys in LWRs. STONE, J.C. Project Directorate I-2. GL-89-21. 00/03/14. MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey. 4pp. 53148.078-53148.081

**9003260339** Forwards list of incomplete USIs for facilities, including USI A-9 re ATWS per 10CFR50.82, USI A-44 re station blackout & USI A-47 re safety implications for control sys in LWRs. PETERSON, S.R. Project Directorate V. TAC 7543B. 00/03/16. CONWAY, W.F. Arizona Public Service Co. (formerly Arizona Nuclear Power Project). 4pp. 53150.092-53150.095

**9003260340** Forwards response to Generic Ltr 89-19 re resolution of USI A-47. Feedwater sys trip relays, interfacing w/feedwater pump control circuitry, powered from supplies originating from safety-related dc sources. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. GL-89-19. 00/03/19. Document Control Branch (Document Control Desk). 6pp. 53148.025-53148.031

**9003260394** Forwards response to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47, 'Safety Implications of Control Sys in LWR Nuclear Power Plants,'" per 10CFR50.54(f). GOLDBERG, J.H. Florida Power & Light Co. GL-89-19. 00/03/19. Document Control Branch (Document Control Desk). 8pp. 53149.123-53149.130

**9003260402** Forwards response to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47, 'Safety Implications of Control Sys in LWR Nuclear Power Plants.'" GOLDBERG, J.H. Florida Power & Light Co. GL-89-19. 00/03/19. Document Control Branch (Document Control Desk). 7pp. 53158.174-53158.180

**9003270035** Responds to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47, 'Safety Implication of Control Sys in LWR Nuclear Power Plants.'" Util will submit response by 900504. WALLACE, E.G. Tennessee Valley Authority. GL-89-19. 00/03/21. Document Control Branch (Document Control Desk). 3pp. 53184.078-53184.080

**9003270075** Forwards preliminary assessment of util evaluation of need to modify plant steam generator overfill protection per Generic Ltr 89-19 re USI A-47. Scope & schedule of confirmatory analyses will be provided by 900702. SCHULTZ, S.P. Yankee Atomic Electric Co. BYR 89-030. 00/03/19. Document Control Branch (Document Control Desk). 7pp. 53182.018-53182.022



9003270086 Forwards response to specified recommended actions of Generic Ltr 89-19 re USI A-47, including steam generator overflow protection, periodic verification & testing of overflow protection & stated emergency operating procedures  
CREEL, G.C. Baltimore Gas & Electric Co. GL-89-19 90/03/19 Document Control Branch (Document Control Desk) 4pp 53164 001-53164 004

9003270343 Forwards response to Generic Ltr 89-19, "Request for Action re Resolution of USI A-47." Overflow protection sys sufficiently separate from main feedwater control sys & acceptable. No mods to sys planned.  
BROCK, J.C. New York Power Authority (Formerly Power Authority of the State of New York) GL-89-19 90/03/19 Document Control Branch (Document Control Desk) 6pp 53192 114-53192 119

9003270384 Responds to Generic Ltr 89-19 re resolution of USI A-47, "Safety Implications of Control Sys in LWR Nuclear Power Plants." Overflow protection sys sufficiently separate from control portion of main feedwater control sys  
STEINHARDT, C.R. Wisconsin Public Service Corp. GL-89-19 90/03/19 Document Control Branch (Document Control Desk) 11pp 53192 101-53192 111

9003270410 Forwards NRC understanding of current status of unimplemented USIs at plant per 891019 request  
KOKAJ, K.O. Project Directorate V. GL-89-21 90/03/21 RAY, H.B. Southern California Edison Co. 4pp 53194 114-53194 117

## I&E INSPECTION AND ENFORCEMENT

9002180093 NRC Info Notice 90-010, "Primary Water Stress Corrosion Cracking of Inconel 800." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/23 Consolidated Edison Co. of New York, Inc. 99pp 52778 262-52778 360

9002230070 EN-90-016 on 890213, notice of proposed imposition of civil penalty in amount of \$3,750 will be issued to licensee. Action based on four alleged items of noncompliance re personnel exposures & survey methods  
JOHANSEN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-90-001 90/02/08 1p 52719 181-52719 181

9002230095 EN-90-015 on 890213, notice of violation & proposed imposition of civil penalty in amount of \$50,000 will be issued based on three violations re containment pump operability  
TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-89-241 90/02/08 1p 52715 063-52715 063

9002230283 NRC Info Notice 90-011, "Main Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) IEIN 88-043 90/02/28 Consolidated Edison Co. of New York, Inc. 99pp 52776 163-52776 261

9002230379 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/02/28 Consolidated Edison Co. of New York, Inc. 98pp 52844 001-52844 039

9002270132 PNO-1-90-012 on 900216, wrong patient administered 45 rads to lung. Caused by failure to identify right patient. Technician counseled & all therapy technicians retrained on proper method for patient identification  
PICONE, J., SHANBAKY, M. Region 1, Ofc of the Director 90/02/20 3pp 52758 090-52758 092

9002270160 PNO-1-90-013 on 900205, 10 patients injected w/approx 20 mCi Tc-99m technetate instead of Tc-99m MDP. Caused by failure of radiopharmacist to follow procedures to verify agreement of vial label w/shield label  
DARDEN, T., SHANBAKY, M. Region 1, Ofc of the Director 90/02/20 2pp 52759 017-52759 018

9002270253 Comments on draft NRC bulletin re loss of 1.1 oz in Rosemount transmitters. NRC has not specifically addressed effectiveness of programs already implemented by industry that address issue.  
FLOYD, S.D. BWR Owners Group. BWR0G-9023 90/02/16 ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 9pp 52759 181-52759 189

9002270399 NRC Info Notice 90-013, "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/05 Consolidated Edison Co. of New York, Inc. 99pp 52844 100-52844 195

9002280081 NRC Info Notice 90-014, "Accidental Disposal of Radioactive Mails." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) IEIN 89-035 90/03/08 Consolidated Edison Co. of New York, Inc. 86pp 52997 001-52997 094

9002280274 EN-90-025 order suspending license & order to show cause why license should not be revoked issued to licensee as result of Tech Spec violation on 891017. Order modifying license issued on 900223  
TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-90-031 90/02/23 1p 52778 173-52778 173

9003010001 EN-90-026 on 900223, order modifying license issued to prohibit R.L. Dickherber from participating in licensed activity at plant w/o written approval of regional administrator.  
TROSKOSKI, W., LIEBERMAN, J. Ofc of the Executive Director for Operations. EA-90-032 90/02/23 1p 52781 138-52781 138

9003010018 Partial response to FOIA request for records App A & B records available in PDR Forwards App A records  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 CROUSE, P.J. Grant, McHandrie, Hanes & Crouse. 883pp 52732 302-52732 304

9003010176 PNO-III-76-009 on 760220, sabotage reported on U ore concentrates imported from South Africa Ship will be surveyed upon return to Baltimore, MD.  
DONAHUE, J.F., HIND, J.A., KEPPLER, J.G. Region III, IE (720101-810228) 76/02/20 2pp 52728 309-52728 310

9003010183 Forwards PNO III-76-009 re reported shortage of U ore concentrates reported from South Africa W/o encl.  
HIND, J.A. Region III, IE (720101-810228) 76/02/20 ROY, G.W. Ofc of Inspection & Enforcement (750101-801210) 1p 52728 328-52728 328

9003010199 Forwards PNO III-76-066 re U ore concentrate shipping accident  
ALLAN, J.M. Region III, IE (720101-810228) 76/09/29 ROY, G.W. Ofc of Inspection & Enforcement (750101-801210) 1p 52728 348-52728 348

9003010201 PNO III-76-066 on 760925, truck shipment of 72 drums of U yellowcake involved in accident w/passenger car. Shipment examined by State of OH Disaster Svcs Agency & found intact.  
RIDGWAY, X.R., FISHER, W.L., ALLAN, J.M. Region III, IE (720101-810228) 76/09/27 1p 52728 349-52728 349

9003010205 Forwards PNO III-76-066 re apparent personnel medical problems resulting from 1968 incident  
ALLAN, J.M. Fuel Facility & Materials Safety Branch, R3 76/10/05 ROY, G.W. Ofc of Inspection & Enforcement (750101-801210) 1p 52728 350-52728 350

9003010209 PNO III-76-066 on 761004, notified that employee involved in Nov 1958 UF6 release shows irreversible pulmonary injury.  
FISHER, W.L., ALLAN, J.M. Region III, IE (720101-810228) 76/10/05 3pp 52728 351-52728 353

9003010233 PNO III-79-005 on 790117, 12 DOT 17-H 55 gallon drums fell from trailer truck to ground along Interstate I-70 East All 12 drums remained intact. Drums loaded onto another trailer & sent on to Allied Chemical Corp plant.  
DAVIS, A.B., FISHER, W.L. Region III, IE (720101-810228) 79/01/18 1p 52729 036-52729 036

9003010172 NRC Info Notice 90-015, "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl.  
CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/07 Consolidated Edison Co. of New York, Inc. 95pp 52997 005-52997 189

9003010227 NRC Info Notice 90-016, "Compliance W/New Decommissioning Rule." Svc list encl.  
BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/03/07 Consolidated Edison Co. of New York, Inc. 91pp 52987 269-52987 018

9003010293 Suppl 2 to NRC Info Notice 89-059, "Suppliers of Potentially Misrepresented or Fasteners." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) IEIN 87-002 90/03/07 Consolidated Edison Co. of New York, Inc. 100pp 52844 109-52844 238

9003010405 PNO-1-90-014 on 900209, discovered three discharges of hardy pond water made to Indian Kill Reservoir, containing 1-131, 1-133 & Na-24.  
AUSTIN, M. Region 1, Ofc of the Director 90/02/22 3pp 52781 170-52781 172

9003010487 EN-90-019 on 900220, notice of violation & proposed imposition of civil penalty in amount of \$75,000 will be issued to licensee based on multiple examples of inadequate design control & failure to follow procedures.  
PERFETT, L., LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-89-251 90/02/14 1p 52781 160-52781 160

9003010490 EN-90-022 on 900223, notice of violation & proposed imposition of civil penalty in amount of \$3,750 will be issued based on use of radioactive material in unrestricted area & providing inaccurate info.  
JOHANSEN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-89-194 90/02/14 1p 52771 274-52771 274

9003010497 EN-90-021 on 900222, notice of violation & proposed imposition of civil penalty in amount of \$2,500 will be issued to licensee based on failures to secure surveillance over radioactive materials stored in restricted areas.  
JOHANSEN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-89-250 90/02/16 1p 52781 128-52781 128

9003020030 EN-90-020 NRC will not propose civil penalty for Severity Level III violation re failure to do prior reviews per 10CFR50.59 when function of radwaste processing bldg changed to temporary liquid radwaste storage area.  
JOHANSEN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-89-179 90/02/15 1p 52795 115-52795 115

9003020083 Forwards NRC Info Notice 89-075, "Falsification of Welder Qualifications for Contract Employees." per discussion during coordinating committee meeting on 891115.  
GRIMES, B.K. Division of Reactor Inspection & Safeguards (Post 870411) 90/02/20 GREEN, M.R. American Society of Mechanical Engineers. 1p 52944 202-52944 204

9003020070 Forwards biweekly listing of generic communications being considered or under development by NRC.  
BERLINGER, C.H. Generic Communications Branch 90/02/16 GREEN, W. Institute of Nuclear Power Operations. 5pp 52799 187-52799 191

9003020144 PNO III-90-011 on 900220, inadvertent disposal of two vials of licensed material containing 250 mCi P-32 & 250 mCi S-35 discovered. Recovery efforts at waste processing facility in Elk Ridge, MN underway.  
CANIANO, R., MALLET, B. Region 3, Ofc of the Director 90/02/21 1p 52789 255-52789 255

9003020163 PNO III-90-010 on 900218, unexpected chemical reaction in UF6 processing sys resulted in abnormal temp & pressure increases within sys. No release of UF6 outside of processing sys occurred. Sys being maintained in stable condition.  
SRENIAWSKI, D., MALLET, B. Region 3, Ofc of the Director 90/02/20 2pp 52705 162-52705 163

9003020164 PNO-IV-89-008A updates 900211 event when unit experienced partial ESF actuation by standby diesel generator. Caused by Topaz inverter trip. Licensee also provided further use of procedure involved & tagged charger in float position.  
STETKA, T.F. Region 4, Ofc of the Director 90/02/20 2pp 52816 224-52816 225

9003020176 PNO-III-90-003 on 900220, security guard accidentally fired shotgun inside security patrol vehicle, damaging floor. No one injured. Guard suspended pending further investigation. No evidence of substance abuse noted by behavioral analysis. CREED, J., GREGGER, R. Region 3, Ofc of the Director. 90/02/20. 1p. 52636-228. 52636-228.

9003020211 NRC Info Notice 90-017, "Weight & Ctr of Gravity Discrepancies for Capes-Valley Valves." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). IEIN-89-028. 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963-036-52963-199.

9003050043 NRC Info Notice 90-018, "Potential Problems With/By Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/09. Consolidated Edison Co. of New York, Inc. 103pp. 52963-200-52963-299.

9003050135 PNO-II-90-011 on 900215, Region II notified of two stolen Traxler devices from locked state highway facility. A Cullman AL Local & state author has notified WOODRUFF, R.L. Region 2, Ofc of the Director. 90/02/15. 1p. 52630-338-52636-338.

9003050148 NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosamont." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). IEIN-89-042. 90/03/09. Consolidated Edison Co. of New York, Inc. 109pp. 52963-300-52664-048.

9003050197 EN-89-023 on 900228, notice of violation & proposed imposition of civil penalty in amount of \$75,000 will be issued based on inoperability of turbine driven auxiliary feedwater pump since initial plant startup in 1978. TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-252. 90/02/21. 1p. 52637-243-52637-243.

9003070076 PNO-III-90-013 on 900227, Agmat Mats (scrap mat's firm) notified Region III that shipment of scrap metal found radioactively contaminated after arriving in Greenville, PA. Remaining mat isolated until health physicist retained. SHENAI, W.D., MALLETT, B. Region 3, Ofc of the Director. 90/02/28. 1p. 52890-041-52890-041.

9003070196 PNO-V-90-009 on 900302, earthquake occurred in southern California. Cuke felt at plant but did not trigger recording instruments. No further licensee actions planned. Preliminary notification issued for info only. GARCIA, E., JOHNSON, P. Region 5, Ofc of the Director. 90/03/02. 1p. 52891-058-52891-058.

9003070350 PNO-V-90-007 on 900223, inadvertent ESF actuation & reactor trip occurred resulting from Train B main steam isolation signal. Caused by failure of relay to reset in one channel. Plant taken to Mode 4 to allow replacement & testing. HON, A., JOHNSON, P. Region 5, Ofc of the Director. 90/02/28. 1p. 52888-007-52888-007.

9003080049 PNO-I-90-015 on 900223, Region I informed of therapeutic misadministration that occurred during 900219-22. Caused by failure to adequately review prescription. Commonwealth of PA notified. OUSTRA, J., SHANBAKY, M. Region 1, Ofc of the Director. 90/02/26. 1p. 52897-074-52897-074.

9003080213 NRC Info Notice 90-019, "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 98pp. 52907-190-52907-287.

9003080250 EN-90-028 advises that broad discretion will be exercised & civil penalty will not be issued for Severely Level III problem re inadequate test procedures & failure to meet test intervals. All units presently in extended shutdown. TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-226. 90/02/23. 1p. 52894-054-52894-054.

9003080382 Forwards draft info notice on potential safety concerns from taking check valves for review & comment. HODGE, V. Generic Communications Branch. 90/03/05. TAM, P. Office of Nuclear Reactor Regulation, Director (Post 870411). WILSON, P. Region 1, Ofc of the Director. SCARDOROUGH, T. Mechanical Engineering Branch. 8pp. 52897-086-52897-086.

9003080409 PNO-I-90-016 on 900228, box containing Kevex fluorescence analyzer x-ray source containing 20 mCi Cd-109 & 20 mCi Am-241 soaked source left by unknown individual at on hall in Farrell, PA. Device returned to licensee. REBER, E., COSTELLO, F. Region 1, Ofc of the Director. 90/02/28. 3pp. 52810-118-52810-120.

9003080416 PNO-I-90-017 on 900226, accident involving nuclear pharmacy delivery vehicle reported in local newspaper. Surveys of driver, vehicle & areas surrounding accident indicated no radioactive material spilled or released. TRIPP, L.M., SHANBAKY, M. Region 1, Ofc of the Director. 90/02/28. 1p. 52897-080-52897-080.

9003080463 Partial response to FOIA request for records App F records available in PDF. PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/27. DEGRAZIA, B.C. Burditt, Bowles & Radzius, Chartered (formerly Burditt, Bowles, Radzius & Radzius). 17pp. 53166-192-53170-038.

9003120192 PNO-III-78-212 on 781206, resident of West Chicago City voiced concerns re dust problem for thorium ore residue piles. State air sampling program showed no statistically significant results. WARNICK, R.F., ROY, G.W., THOMPSON, D. Region III, IE (720101-810228). 78/12/10. 1p. 53188-270-53188-270.

9003120311 PNO-III-77-049 on 770728, fire caused during seal welding operation on tank subsequent to loading w/thorium mantle mat containing 44 gallon corrugated fiber boxes. OBERG, C.T., LONERGAN, G.T., ALLAN, J.M. Region III, IE (720101-810228). 77/07/26. 1p. 53169-170-53169-170.

9003080489 PNO-V-90-008 on 900228, earthquake w/Richter magnitude of 5.5 occurred near Upland, CA. San Onofre declared unusual event & conducted Insp Area research reactors shut down w/no damage resulting to facilities. WENSLAWSKI, F., JOHNSON, P. Region 5, Ofc of the Director. 90/03/01. 2pp. 52923-127-52923-128.

9003120229 EN-90-020 notice of violation & proposed imposition of civil penalty in amount of \$100,000 will be issued on 900306 re failure to take corrective actions for deficiencies in meeting low lamp overpressure protection commitments. TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-90-002. 90/03/01. 1p. 52999-035-52999-035.

9003120246 EN 90-020 on 900306, notice of violation & proposed imposition of civil penalty in amount of \$5,000 will be issued to licensee Action based on exposure to radiographer in excess of 3 rads for calendar quarter & other violations. DELMEDICO, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-90-009. 90/03/01. 1p. 52971-351-52971-351.

9003120251 EN-90-031 on 900306, notice of violation & proposed imposition of civil penalty in amount of \$750 will be issued based on failure to adequately secure radioactive mail & conduct all necessary radiation surveys. DELMEDICO, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-90-003. 90/03/01. 1p. 52999-310-52999-310.

9003130012 NRC Bulletin 90-002, "Loss of Thermal Margin Caused by Channel Box Bow." Svc list encl. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). IEIN-89-089. 90/03/20. Consolidated Edison Co. of New York, Inc. 98pp. 53035-129-53035-226.

9003130313 PNO ADSP 90-035 on 900305, reactor tripped while pulling control rod shutdown bank for drop time testing. Caused by loss of power to intercom alarm range instrument when inverter 1PC failed. Operators secured Train A RHR pump. WIEBE, J.S., JOHNSON, W.D. Region 4, Ofc of the Director. 90/03/05. 2pp. 53014-357-53014-358.

9003130729 EN-90-032 on 900309, notice of violation & proposed imposition of civil penalty in amount of \$8,000 will be issued based on falsifying audit reports for audits never performed & willfully providing false info to NRC. JOHANSEN, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-079. 90/03/06. 1p. 53014-247-53014-247.

9003130763 Forwards comments on 900201 draft report re closeout of Bulletin 84-03. Report represents real departure from previous reports due to chronology of events & engineering data & sketches encl. HODGE, V. Generic Communications Branch. IEB-84-03. 90/03/06. FOI, E.V.W.J. PARAMETER, Inc. 1p. 53015-024-53015-024.

9003140019 PNO IV-90-010 State of UT reported that Nucor Steel inadvertently mailed Cs-137 source during wk of 900228. Initial site survey did not disclose contamination to environment, product or personnel. DODAR, J. Region 4, Ofc of the Director. 90/03/08. 1p. 53019-041-53019-041.

9003140213 EN-90-024 on 900228, notice of violation & proposed imposition of civil penalty in amount of \$8,000 will be issued based on release of I-125 as effluent to environment in amounts approx 9 times regulatory limit from 890214-1019. DELMEDICO, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-233. 90/02/23. 1p. 53018-059-53018-059.

9003140302 Forwards biweekly listing of generic communications being considered or under development by NRC, including bulletins, info notices & generic ltrs. BERLINGER, C.H. Generic Communications Branch. 90/03/05. GREEN, W. Institute of Nuclear Power Operations. 5pp. 53059-227-53059-231.

9003140337 EN-90-027A on 900228, notice of violation & proposed imposition of civil penalty in amount of \$3,750 will be issued based on falsification of record of dose calibrator consistency test & failure to perform test. DELMEDICO, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-105. 90/02/26. 1p. 53018-345-53018-345.

9003140423 PNO IV-90-000 on 900228, State of OK received complaint re two containers marked radioactive located on private property in Okm, OK. Device believed to be Am-Ba well logging source emitted low level gamma radiation. FISHER, W.L. Region 4, Ofc of the Director. 90/03/02. 2pp. 53001-056-53001-057.

9003150246 EN-90-027 on 900228, notice of proposed imposition of civil penalty in amount of \$1,250 issued to licensee Action based on falsification of NRC-required record of dose calibrator consistency test & failure to perform consistency test. DELMEDICO, J., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-105. 90/02/23. 1p. 53025-333-53025-333.

9003150295 PNO-I-90-019 on 900306, containers holding Ba-133, Cs-137 & Co-57 found at site of demolition of bldg formerly known as licensee facility. Licensee agreed to cease demolition in former nuclear medicine areas & post security guard. TRIPP, L.M., SHANBAKY, M. Region 1, Ofc of the Director. 90/03/08. 2pp. 53032-169-53032-170.

9003160321 Responds to Generic Ltr 90-01, "Request for Voluntary Participation in NRC Regulatory Impact Survey." Discusses instances of team insp activity that involved substantial licensee & NRC resources w/o comparable benefit to safety. REYNOLDS, N.S. Nuclear Utility Backfitting & Reform Group. REYNOLDS, N.S. Bishop, Cook, Purcell & Reynolds. GL-90-01. 90/03/07. PANTLOW, J.G. Associate Director for Projects (Post 870411). 6pp. 53020-351-53020-358.

9003160207 PNO-I-90-018 on 900306, apparent primary to secondary leak occurred in once-through steam generator A. Leak rate estimated at less than 1 gpm. Plant shut down to investigate cause of leakage. Commonwealth of PA informed. HERNAN, R.W., WENZINGER, E. Region 1, Ofc of the Director. 90/03/08. 1p. 53038-284-53038-284.

9003160224 NRC Info Notice 90-020, "Personnel Injuries Resulting From Improper Operation of Radwaste Incinerators." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/03/22. Consolidated Edison Co. of New York, Inc. 91pp. 53166-057-53168-147.

9003160261 EN-90-002A withdraws proposed civil penalty in amount of \$25,000 because unidentified problem & took corrective actions re inadequate secondary containment test procedure as noted in 900209 response to notice of violation. TROSKOSKI, W., LIEBERMAN, J. Ofc of Enforcement (Post 870413). EA-89-214. 90/03/13. 1p. 53036-241-53036-241.

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9003160273 EN-90-0356 on 900313, notice of proposed imposition of civil penalty in amount of \$3,125 will be issued to licensee based on no dent in which 53 mCi Cs-137 brachytherapy source not accounted for & presumed disposed of in normal trash. DELMEDICO, J. LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-90-013 90/03/08 1p 53036 283-53036 263.

9003160281 EN-90-0356 on 900313, notice of violation & proposed imposition of civil penalty in amount of \$1,000 will be issued to licensee based on loss of 25 mCi Cs-137 & entries into unlicensed vessel equipped with radioactive gauging. DELMEDICO, J. LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-90-034 90/03/08 1p 53036 274-53036 274.

9003160306 NRC info Notice 90-021, "Potential Failure of Motor Operated Isotermic Valves to Operate But also Valve Seat Friction Was Unanticipated" Submitted to ROSSIC Division of Operational Events Assessment (Post 870413) G-50-040 90/03/22 Consolidated Edison Co. of New York, Inc 10pp 5310501-5310510

9003160338 PNO-III-90-014 on 900319, reaction shut down in reactor swap ended by diesel generator (EDG) triggered in operation on 90/03/25 after failing surveillance test EDG failed last again after repairs completed from cause of failure undetermined. SHAFER, W. CLAYTON, Region 3, Ofc of the Director 90/03/01 1p 53035 274-53035 274.

9003160024 PNO-I-90-021 on 900309, licensee not informed of termination of contract with Navy for fabrication of Naval reactor cores resulting in facility shutdown. HOLT, J. GREGORY, Region 1, Ofc of the Director 90/03/12 1p 53046 301-53046 301.

9003160349 NRC info Notice 90-020 "Unanticipated Equipment Activation Following Restoration of Power to Rosemount Transfer Trip Unit" Submitted to ROSSIC Division of Operational Events Assessment (Post 870413) 90/03/25 Consolidated Edison Co. of New York, Inc 10pp 5310501-5310510

9003200017 EN-90-033 on 900309, notice of proposed imposition of civil penalty in amount of \$3,000 will be issued to licensee based on violations of requirements for NRC authorized radiation safety officer & quarterly physical inventories. DELMEDICO, J. LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-90-014 90/03/08 1p 53079 005-53079 005.

9003200021 EN-90-034 on 900312, notice of proposed imposition of civil penalty in amount of \$100,000 will be issued to licensee based on licensee failed to properly evaluate unsatisfactory screen test results. SHARKEY, J. LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-89-253 90/03/07 1p 53079 004-53079 004.

9003200174 PNO-ADSP-90-006 on 900312, inadvertent activation of safety injection train A occurred caused by shorted diode in solid state protection sys which allowed train safety relays to energize State of TX informed. WIEBE, J.S. JOHNSON W.D. NRC - No Detailed Affiliation Given 90/03/14 2pp 53075-181-53075-182

9003200263 PNO-I-90-020 on 900308, high radiation levels from source occurred in Transit Crate containing source changers not labeled as containing radioactive material. Remote handling tool used to retrieve & return source to safe shielded position. TAYLOR, J.M., WHITE, J., KNAPP, M. Region 1, Ofc of the Director 90/03/08 2pp 53076 149-53076-150

9003210210 PNO-III-90-015 on 900303, contamination in shipment of aluminum scrap occurs. Truck will remain isolated until inspector arrives to oversee off-loading of scrap. MCCANN, M., MALLETT, B. Region 3, Ofc of the Director 90/03/12 1p 53112 091-53112 091.

9003210225 Advises that end draft NRC info notice, "Interpretation of Bioassay Measurements Assessment on Intake," will not be issued but will be made available in PDR Notice may be transmitted to licensee. CUNNINGHAM, L.J. Radiation Protection Branch IEIN-82-18 90/03/14. BELLAAMY, R.R., JOYNER, J.H. Region 1, Ofc of the Director. COLLINS, D. Region 2, Ofc of the Director 5pp 53132 241-53132 245

9003210317 PNO-II-90-013 on 900312, localized fire in U fuel process area discovered. Possibly caused by oxidation reaction in powder. Fire immediately extinguished w/ portable fire extinguishers. THOMP, G.L. Region 2, Ofc of the Director 90/03/13 2pp 53112 181-53112 182

9003210357 PNO-I-90-014 on 900209, contents of pond released to Indian Kill reservoir identified concentrations of I-131 & Na-24 in water samples. Public meeting planned prior to NRC allowing plant restart. JOYNER, KNAPP Region 1, Ofc of the Director 90/03/14 2pp 53093 191-53093 192.

9003210363 PNO-I-90-022 on 900312, determination of personnel skin contamination & overexposure to hand of 20-25 rem during 900308 contamination incident, exceeded 10 CFR 20 quarterly exposure limit. PASCIAK, W., MEYER, G. Region 1, Ofc of the Director 90/03/12 2pp 53104 249-53104 250

9003220038 PNO-IV-90-010A, Cs-137 inadvertently melted in steel furnace during wk of 900228. Precautionary procedure being performed by DOE for approx 20 employees to assure no significant uptake of radioactive material. Cleanup of plant monitored. DOD, R.J. Region 4, Ofc of the Director 90/03/14 1p 53123 128-53123 128

9003220046 PNO-III-90-018 on 900313, licensee reported that baggage handler observed possible damage & leakage from package containing Mo-99 radiopharm generator. State radiological health agency responded. No contamination found. MCCANN, G., MALLETT, B. Region 3, Ofc of the Director 90/03/14 2pp 53105 183-53105 184.

9003220056 PNO-III-90-017 on 900313, tornado damaged two contractor trailers, moderately damaging nine others & ripping up section of plant security fence. Unusual event declared. States of IL & IA notified. HINDS, J., CRESS, J., SHAFER, W. Region 3, Ofc of the Director 90/03/14 2pp 53165 258-53165 260.

9003220144 PNO-II-90-014 on 900313, transportation incident involving depleted U occurred. Truck overturned on exit ramp. Two occupants not injured. All radioactive materials remained intact within trailer. TROJANOWSKI, R., CLINE, W. Region 2, Ofc of the Director 90/03/13 2pp 53124 217-53124 218.

9003220185 PNO-ADSP-90-007 on 900312, inadvertent activation of Train A of safety injection occurred. Caused by failed diode in safety injection logic circuitry. Problem w/ electrical noise on or nuclear instrumentation under review. WIEBE, J.S. JOHNSON W.D. Associate Director for Special Projects (Post 89010-90060) 90/03/15 2pp 53128 070-53128 071

9003220208 EN-90-037 on 900314, notice of violation & proposed civil penalty in amount of \$50,000 issued to licensee based on lack of mgmt oversight for licensed operator training program. TROSKOSKI, W. LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-89-254 90/03/07 1p 53121 185-53121 185

9003230016 PNO-II-90-019 on 900311, District Court Judge Gordon Kerr McGee request for motion on excavation permit re 60113. Calaveras County Judge issued temporary restraining order prohibiting work on excavation permit of 60113. S. RASMA, J. BERSCH, J. Region 3, Ofc of the Director 90/03/16 1p 53135 162-53135 162

9003230139 Forwards licensee response to letter of comment, being considered in order development. Letter through 90/03/15. BERNICK, S. L. General Comment on letter dated 90/03/10. GREEN W. Institute of Nuclear Power Operations, Sup. 53149 078-53149 078

9003260013 EN-90-034 on 900312, notice of proposed imposition of civil penalty in amount of \$3,750 will be issued to licensee. Agent based on deliberate adulteration of excessive patient doses of licensed radiation source by technician. JOHANSEN, J. LIEBERMAN, J. Ofc of Enforcement (Post 870413) EA-90-028 90/03/13 1p 53147 150-53147 150

9003260417 PNO-II-90-015 on 900314, licensee requested that patient received therapeutic radiation dose to port of breast planned for treatment. No adverse effects expected. State notified. CAHANE, J., MALLETT, B. Region 3, Ofc of the Director 90/03/16 1p 53149 170-53149 170

9003260447 PNO-I-90-023 on 900312, therapeutic misadministration occurred. Train A inadvertently interrupted when catheter containing 13-32 seeds became displaced. Patient under observation. DARGENT, J., SHANBAKY, M. Region 1, Ofc of the Director 90/03/19 2pp 53149 163-53149 164

9003260455 PNO-I-90-024 on 900315, power outage on Salem dam has resulted in Hope Creek reactor scram. Caused by low reactor vessel water level resulting in a loss of all feedwater & condensate pumps. Status of NJ & DE have been notified. SWELAND, J. Region 1, Ofc of the Director 90/03/20 1p 53175 344-53175 344

9003260585 PNO-I-90-015 on 900315, brachytherapy misadministration occurred. Licensee estimated dose to be 300 rad to breast of wrong patient. Caused by technician error. Region will issue combination of action for outlining corrective actions. BROWN, R. Region 2, Ofc of the Director 90/03/16 1p 53149 139-53149 150

9003270389 PNO-V-90-012 on 900319 27. Gamma radiography source of 13-32 dropped out of Model 20V camera, resulting in source disconnection. HORNOR, J., PATER, J. Region 5, Ofc of the Director 90/03/20 2pp 53163 352-53163 360

MISC PUBLIC DOCUMENT ROOM MISCELLANEOUS

9003220305 Requests address correction for receipt of NRCSS licensed newsletter. SCHOOFF, G.M. Northern Indiana Public Service Co 90/03/22 Document Control Branch (Document Control Desk) 1p 53145 102-53145 102

NUREG NUREG REPORTS AND RELATED CORRESPONDENCE

9001220189 SECY-89-387 Requests Commission approval of final draft AO rept to Congress (NUREG-0090, Vol 12, Number 3) for July-Sept 1989. One proposed AO for nuclear plant involved deficiencies w/ recirculation sump at Trojan. TAYLOR, J.M. Ofc of the Executive Director for Operations 89/12/28 34pp 52776 038-52776 071

9002220489 Forwards safety evaluation accepting util responses to NUREG 0737, Items II.F.2 & II.B.1 re instrumentation for detection of inadequate core cooling & reactor head vent, respectively. WAMBACH, T.V. Project Directorate II.F.3. TAC 45125 90/02/14. SHELTON, D.C. Toledo Edison Co. 8pp 52700 310-52700 317

9002230213 Corrects & updates info in 791231 submittal that provided design details & status of commitments to NUREG-0578. Integrated leak rate testing required only three times every 10 yrs & leakage determined by volumetric leak rate method. TERRY, C.D. Niagara Mohawk Power Corp. NMP11.0476 90/02/07. Document Control Branch (Document Control Desk) 1p 52715 061-52715 061

9002230381 Provides current implementation status of USIs based on licensee responses to generic Itrs & NRR review. Based on work to date, licensees proceeding satisfactory towards implementation of all USIs. TAYLOR, J.M. Ofc of the Executive Director for Operations 90/02/07. CARR, ROBERTS, ROGERS Commissioners. 30pp 52988 190-52988 247

9002260002 Forwards SER on NEDO-31658, concluding that alternatives proposed by BWR Owners Group unacceptable & requesting that BWR plants install neutron flux monitoring instrumentation in compliance w/ Criteria 1 to Reg Guide 1.97. BOYLE, M.L. Project Directorate I-4. 90/02/13. MROCKZKA, E.J. Connecticut Yankee Atomic Power Co. MROCKZKA, E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 2pp 52711 144-52711 151

9002260181 Discusses & forwards results of field verification testing of unit SPDS per licensee commitment to submit replot within 30 days after unit SPDS declared operational. No significant problems encountered w/ SPDS during power ascension testing. HUNGER, G.A. Philadelphia Electric Co. GL-89-08 90/02/15. Document Control Branch (Document Control Desk) 10pp 52738 111-52738 120



9003010347 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend (NUREG-0360).  
KOZAK,H. Affiliation Not Assigned. 53FR21550 00107. 90/02/07. Docketing & Services Branch 1p. 52727.242-52727.242.

9003010350 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend to NUREG-0360 re safer containers for transportation of Pu  
SMITH,J. Affiliation Not Assigned. 53FR21550 00165. 90/02/08. Docketing & Services Branch 1p. 52727.287-52727.287.

9003010351 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on holding confinements for Pu  
DARLINGS,N. Affiliation Not Assigned. 53FR21550 00127. 90/02/07. Docketing & Services Branch 1p. 52727.243-52727.243.

9003010360 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Senator Murkowski amend (NUREG-0360) instead of IAEA sids  
MAHONEY,M. Affiliation Not Assigned. 53FR21550 00122. 90/02/07. Docketing & Services Branch 1p. 52727.244-52727.244.

9003010388 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on Pu containers instead of IAEA sids.  
BERG,T. Affiliation Not Assigned. 53FR21550 00121. 90/02/07. Docketing & Services Branch 1p. 52727.245-52727.245.

9003010370 Comment supporting Murkowski amend (NUREG-0360) re proposed rule 10CFR71 on compatibility of Pu air transport regulations w/IAEA sids  
FARRIS,T. Affiliation Not Assigned. 53FR21550 00108. 90/02/07. Docketing & Services Branch 1p. 52727.246-52727.246.

9003010379 Summary of ACRS Joint Subcommittees on Severe Accidents & PRA meeting in Bethesda,MD to initiate ACRS review of second draft of NUREG-1150, "Severe Accident Risks Assessment for Five US Nuclear Power Plants."  
\* ACRS - Advisory Committee on Reactor Safeguards. 88/10/13. ACRS - Advisory Committee on Reactor Safeguards 48pp. 52791.062-52791.109.

9003010380 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on Pu container instead of IAEA sids  
LITTLE,A. Affiliation Not Assigned. 53FR21550 00120. 90/02/07. Docketing & Services Branch 1p. 52727.247-52727.247.

9003010384 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Author supports Murkowski amend (ref NUREG-0360).  
\* Affiliation Not Assigned. 53FR21550 00159. 90/02/03. Docketing & Services Branch 1p. 52780.116-52780.116.

9003010386 Comment supporting Murkowski amend (NUREG-0360) re proposed rule 10CFR71 on compatibility of Pu air transport regulations w/IAEA sids  
SWANK,H. Affiliation Not Assigned. 53FR21550 00105. 90/02/07. Docketing & Services Branch 1p. 52727.248-52727.248.

9003010389 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on Pu containers instead of IAEA sids  
MAHONEY,S. Affiliation Not Assigned. 53FR21550 00119. 90/02/07. Docketing & Services Branch 2pp. 52727.249-52727.250.

9003010399 Comment supporting Murkowski amend (NUREG-0360) re proposed rule 10CFR71 on compatibility of Pu air transport regulations w/IAEA sids  
PEPPERD,J. Affiliation Not Assigned. 53FR21550 00104. 90/02/20. Docketing & Services Branch 1p. 52727.254-52727.254.

9003010400 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend (ref NUREG-0360).  
MERSI,D.A. Affiliation Not Assigned. 53FR21550 00154. 90/02/20. Docketing & Services Branch 1p. 52780.117-52780.117.

9003010401 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Senator Murkowski amend (NUREG-0360) instead of IAEA sids for stricter regulations on Pu containers  
WILKERSON Affiliation Not Assigned. 53FR21550 00118. 90/02/07. Docketing & Services Branch 1p. 52727.255-52727.255.

9003010413 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend (ref NUREG-0360).  
MILLER,J. Affiliation Not Assigned. 53FR21550 00151. 90/02/07. Docketing & Services Branch 1p. 52780.118-52780.118.

9003010420 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend to NUREG-0360 re more protective holder for Pu  
RODRIGUEZ,J.M. Affiliation Not Assigned. 53FR21550 00156. 90/02/07. Docketing & Services Branch 1p. 52727.288-52727.288.

9003010421 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend (ref NUREG-0360).  
THORNEEL Affiliation Not Assigned. 53FR21550 00152. 90/02/07. Docketing & Services Branch 2pp. 52780.124-52780.125.

9003010428 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend (ref NUREG-0360).  
MEWES,K. Affiliation Not Assigned. 53FR21550 00149. 90/02/20. Docketing & Services Branch 2pp. 52780.119-52780.120.

9003010430 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend to NUREG-0360 re safer containers for transportation of Pu  
ASATO,B. Affiliation Not Assigned. 53FR21550 00153. 90/02/07. Docketing & Services Branch 1p. 52727.289-52727.289.

9003010433 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend (ref NUREG-0360).  
VAUGHN,T. Affiliation Not Assigned. 53FR21550 00150. 90/02/20. Docketing & Services Branch 1p. 52780.121-52780.121.

9003010437 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend to NUREG-0360 re safest means of transportation of Pu  
GREEN,S. Affiliation Not Assigned. 53FR21550 00144. 90/02/07. Docketing & Services Branch 1p. 52727.290-52727.290.

9003010440 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Agrees w/Murkowski amend (ref NUREG-0360).  
CLAUNCH,L. Affiliation Not Assigned. 53FR21550 00148. 90/02/07. Docketing & Services Branch 2pp. 52780.122-52780.123.

9003010441 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports NUREG-0360 for stricter regulations on Pu containers  
NEWBY,A. Affiliation Not Assigned. 53FR21550 00131. 90/02/07. Docketing & Services Branch 1p. 52727.265-52727.265.

9003010444 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Senator Murkowski amend (NUREG-0360) instead of IAEA sids  
RAY,D. Affiliation Not Assigned. 53FR21550 00129. 90/02/07. Docketing & Services Branch 3pp. 52727.266-52727.268.

9003010449 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend to NUREG-0360  
TAYLOR,R. Affiliation Not Assigned. 53FR21550 00147. 90/02/07. Docketing & Services Branch 2pp. 52844.299-52844.334.

9003010450 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Senator Murkowski amend (NUREG-0360) should be considered  
DAY,J. Affiliation Not Assigned. 53FR21550 00130. 90/02/08. Docketing & Services Branch 1p. 52727.269-52727.269.

9003010451 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend to NUREG-0360 re protective containers for transportation of Pu  
SMITH,J. Affiliation Not Assigned. 53FR21550 00143. 90/02/07. Docketing & Services Branch 1p. 52727.203-52727.293.

9003010457 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Senator Murkowski amend to NUREG-0360 requires safer containers for Pu  
\* Affiliation Not Assigned. 53FR21550 00146. 90/02/08. Docketing & Services Branch 1p. 52727.294-52727.294.

9003010454 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend to NUREG-0360.  
KOLERO,K.D. Affiliation Not Assigned. 53FR21550 00145. 90/02/07. Docketing & Services Branch 1p. 52727.295-52727.295.

9003010467 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend to NUREG-0360 re better containers for transportation of Pu  
WILKERSON,B. Affiliation Not Assigned. 53FR21550 00142. 90/02/07. Docketing & Services Branch 1p. 52727.296-52727.296.

9003010468 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend (NUREG-0360) for stricter Pu containers should be reconsidered.  
FENNER,P. Affiliation Not Assigned. 53FR21550 00128. 90/02/07. Docketing & Services Branch 2pp. 52727.270-52727.271.

9003010474 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Author suggested that Murkowski amend to NUREG-0360 should be considered.  
DEASON,T. Affiliation Not Assigned. 53FR21550 00182. 90/02/07. Docketing & Services Branch 2pp. 52727.298-52727.299.

9003010480 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA sids Supports Murkowski amend to NUREG-0360 re safer containers for transportation of Pu  
LAND,D. Affiliation Not Assigned. 53FR21550 00141. 90/02/07. Docketing & Services Branch 1p. 52727.297-52727.297.

9003020015 "Safety/Relief Valve Challenges & Failures for 1989." W/900223 ltr.  
BRONS,J.C. New York Power Authority (formerly Power Authority of the State of New York). JPN-90-017. 89/12/31. 4pp. 52799.318-52799.321.

9003020031 Comments on proposed paper, "Risks in Transporting Radioactive Materials: Comparison of Data w/NUREG-0170 Projections." Paper should not be published or presented as written  
RENTSCHLER,R.R. Transportation Branch. 90/02/20. FORTUNA,S. Program Management, Policy Development & Analysis Staff (Post 870413). 1p. 52795.050-52795.050.

9003020047 Forwards Safety Insp Repts 50-352/90-03 & 50-353/90-03 on 900118-19. No violations noted  
GALLOW,R.M. Region 1, Ofc of the Director. 90/02/14. MCNEILL,C.A. Philadelphia Electric Co. 2pp. 52799.162-52799.170.

-9003020049 Insp Repts 50-352/90-03 & 50-353/90-03 on 900118-19. No violations noted. Major areas inspected design & surveillance program for compliance w/ATWS as described in 10CFR50.62 & NUREG-0991,SSER 9.  
FINKE,L.A., BLUMBERG,N. Region 1, Ofc of the Director. 90-353/90-03. 90/02/11. 7pp. 52799.164-52799.170.

9003020247 Forwards SER concluding that several items in procedures generation program per Generic Ltr 82-33 & Suppl 1 to NUREG-0737 must be satisfactorily addressed to ensure high quality emergency operating procedures  
LEEDS, E.J. Project Directorate I-3 GL-82-33 90/02/26 FRIZZLE, C.D. Maine Yankee Atomic Power Co 33pp 52826 259-52826 292

9003050329 Advises that prior notification of permanent changes to utility organization & senior managers no longer required Decision based on NRC acceptance of corporate performance plan ref in SER (Vol 1 to NUREG-1232)  
CRUTCHFIELD, D. Associate Director for Special Projects (Post 800101-900602) 90/02/26 KINGSLLEY, O.D. Tennessee Valley Authority 4pp 52825 164-52825 167

9003060004 Forwards "Insertive Insp (ISI) Program First 10-Yr Interval," Vols 1 & 2 & ref drawings Books 1 & 2 per NUREG-0991, SSER 7 & 891222 Ltr  
HJUNGER, G.A. Philadelphia Electric Co 90/02/26 Document Control Branch (Document Control Desk) 2pp 52828 273-52833 144

9003060205 Forwards DCRDR supplementary rpt addressing open issues identified by 890428 safety evaluation per 890803 Ltr  
Tennessee Valley Authority GL-82-33 90/02/23 Document Control Branch (Document Control Desk) 77pp 52851 165-52851 241

9003060258 Responds to 890816 Ltr requesting confirmation re intent of QA testing of respiratory high efficiency particulate filters discussed in NUREG-0041 NRC does not require recertification of HEPA filters prior to use  
CUNNINGHAM, L.J. Radiation Protection Branch 90/02/27 HERWEYER, S.K. ISI, Inc 2pp 52851 313-52851 314

9003070052 Responds to 900126 Ltr re studies on potential health & environ impacts attributable to nuclear & coal fuel cycles. LD Hamilton worked in area in recent yrs & could be reached at listed address for add info  
CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411) 90/02/28 BALL, D.J. East Anglia, Univ. of, Norwich, United Kingdom, 1p 52888 206-52888 206

9003070121 NUREG-0090 V12 N03 REPORT TO CONGRESS ON ABNORMAL OCCURRENCES July-September 1989  
Office for Analysis & Evaluation of Operational Data, Director 80/01/31 34pp 52814 166-52814 219

9003070130 Forwards prioritization evaluation re Generic Issue 107, "Main Transformer Failure." Evaluation will be incorporated into NUREG-0933, "Prioritization of Generic Safety Issues," & sent to other offices for comment  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 860720) 90/02/26 MORRIS, B.M. Division of Regulatory Applications (Post 870413) 8pp 52887 328-52887 333

9003070131 NUREG-0036 V08 N04 NRC REGULATORY AGENDA Quarterly Report, October-December 1989  
Division of Freedom of Information & Publications Services (Post 890205) 90/01/31 134pp 52808 074-52808 207

9003070134 NUREG-0040 V13 N04 LICENSEE CONTRACTOR AND VENDOR INSPECTION STATUS REPORT Quarterly Report, October-December 1989 (White Book)  
Division of Reactor Inspection & Safeguards (Post 870411) 90/01/31 91pp 52808 208-52808 298

9003070137 NUREG-1214 R05 HISTORICAL DATA SUMMARY OF THE SYSTEMATIC ASSESSMENT OF LICENSEE PERFORMANCE  
ALLENSPACH, F. NEASE, R. Division of Licensee Performance & Quality Evaluation (Post 870411) 90/02/28 114pp 52807 320-52808 073

9003070140 NUREG-0020 V13 N12 LICENSED OPERATING REACTORS STATUS SUMMARY REPORT Data As Of November 30, 1989 (Gray Book I)  
LOVELACE, W.H. Division of Computer & Telecommunications Services (Post 890205) 90/01/31 558pp 52808 125-52810 322

9003070151 Forwards SER re 840702 procedures generation package (PGP). PGP need to be reviewed to address programmatic improvements discussed in rpt. Results of 890917-28 emergency operating procedures insp & encl discussion should be utilized.  
LO, R.H. Project Directorate II-1, TAC 44336 90/03/06 EURY, L.W. Carolina Power & Light Co 3pp 52889 161-52889 176

9003070156 SER re util 840702 procedures generation package (PGP). PGP should be reviewed to address programmatic improvements outlined in rpt & all revs to PGP should be reflected in plant emergency operating procedures in timely manner.  
Office of Nuclear Reactor Regulation, Director (Post 870411) GL-82-33 90/03/06 13pp 52889 164-52889 176

9003070159 NUREG-1232 V04 SAFETY EVALUATION REPORT ON TENNESSEE VALLEY AUTHORITY WATTS BAR NUCLEAR PERFORMANCE PLAN.  
AULUCK, R. TVA Projects Division (890101-900602) 90/01/31 84pp 52809 041-52809 124

9003070183 NUREG-0797 S22 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF COMANCHE PEAK STEAM ELECTRIC STATION, UNITS 1 AND 2, Docket Nos 50-445 And 50-446 (Texas Utilities Electric Company, et al.)  
Comanche Peak Project Division (890101-900602) 90/01/31 369pp 52814 220-52815 228

9003070170 NUREG-0797 S23 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF COMANCHE PEAK STEAM ELECTRIC STATION, UNITS 1 AND 2, Docket Nos 50-445 And 50-446 (Texas Utilities Electric Company, et al.)  
Comanche Peak Project Division (890101-900602) 90/02/28 102pp 52808 299-52809 040

9003070184 NUREG/CR-4674 V10 PRECURSORS TO POTENTIAL SEVERE CORE DAMAGE ACCIDENTS 1988 A STATUS REPORT Appendixes B And C.  
MINARICK, J.W., CLETCHER, J.W., BLAKE, A.A. Oak Ridge National Laboratory FIN B-0435 ORNL/NOAC-232 90/02/28 Division of Safety Programs (Post 870413) 473pp 52813 073-52814 185

9003070190 NUREG/CR-5516 CAUSES OF FAILING THE DRAFT ANSI STANDARD N13.30 RADIOASSAY PERFORMANCE CRITERION FOR MINIMUM DETECTABLE AMOUNT.  
MACLELLAN, J.A. Battelle Memorial Institute, Pacific Northwest Laboratory FIN B-2917 PNL 7217 90/02/28 Division of Regulatory Applications (Post 870413) 43pp 52813 025-52813 072

9003070194 NUREG/CR-2331 V09 N3 SAFETY RESEARCH PROGRAMS SPONSORED BY OFFICE OF NUCLEAR REGULATORY RESEARCH Progress Report, July-September 1989  
WEISS, A.J. Brookhaven National Laboratory, FIN A-2024 BNL-NUREG-51454 90/02/28 Office of Nuclear Regulatory Research (Post 860720) 104pp 52812 282-52813 025

9003070222 NUHREG/CR-5405 ANALYSIS OF SHELL RUPTURE FAILURE DUE TO HYPOTHETICAL ELEVATED-TEMPERATURE PRESSURIZATION OF THE SEQUOYA UNIT 1 STEEL CONTAINMENT BUILDING  
MILLER, J.O. Sandia National Laboratories, FIN A-1401, SAND89-1650 90/02/28 Division of Engineering (Post 870413) 100pp 52811 132-52811 231

9003070227 NUREG/CR-5512 DRAFT FC RESIDUAL RADIOACTIVE CONTAMINATION FROM DECOMMISSIONING Technical Basis For Translating Contamination Levels To Annual Dose Draft Report For Comment.  
KENNEDY, W.E., PELOQUIN, R.A. Battelle Memorial Institute, Pacific Northwest Laboratory, FIN B-2808 PNL-7212 90/01/31 Division of Regulatory Applications (860720-870413) 317pp 52811 232-52812 188

9003070229 NUREG/CR-5316 MELT PROGRESSION, OXIDATION, AND NATURAL CONVECTION IN A SEVERELY DAMAGED REACTOR CORE  
DOSANJH, S.S. Sandia National Laboratories, FIN A-1342 SAND88-3478 90/02/28 Division of Systems Research (Post 860717) 93pp 53361 156-53361 248

9003070234 NUREG/CR-4674 V08 PRECURSORS TO POTENTIAL SEVERE CORE DAMAGE ACCIDENTS 1988 A STATUS REPORT Main Report And Appendix A.  
MINARICK, J.W., CLETCHER, J.W., BLAKE, A.A. Oak Ridge National Laboratory, FIN B-0435 ORNL/NOAC-232 90/02/28 Division of Safety Programs (Post 870413) 160pp 52810 323-52811 131

9003070237 NUREG/CR-5421 LAPUR USER'S GUIDE.  
OTADUY, P.J., MARCH-LEUBA, J. Oak Ridge National Laboratory, FIN A-9478, ORNL-TM-11285 90/01/31 Division of Systems Technology (Post 890827) 77pp 52801 001-52801 082

9003070238 NUREG/CR-5450 HIGH-TEMPERATURE CRACK-ARREST TESTS USING 152-MM-THICK SEN WIDE PLATES OF LOW-UPPER SHELF BASE MATERIAL TESTS WP-2.2 AND WP-2.6.  
NAUS, D.J., KEENEY-WALKER, BASS, B.H. Oak Ridge National Laboratory, FIN B-0119 ORNL/TM-11352 90/02/28 Division of Engineering (Post 870413) 143pp 52802 055-52802 197

9003070241 NUREG/CR-5268 CLOSEOUT OF IE BULLETIN 85-01: STEAM BINDING OF AUXILIARY FEEDWATER PUMPS.  
FOLEY, W.J., DEAN, R.S., HENNING, C.A. PARAMETER, Inc FIN B-8729, PARAMETER IE189 90/01/31 Division of Operational Events Assessment (Post 870411) 37pp 52803 268-52803 304

9003070245 NUREG/CR-1744 V03 N1 LONG-TERM EMBRITTLEMENT OF CAST DUPLEX STAINLESS STEELS IN LWR SYSTEMS. Semiannual Report, October 1987 - March 1988.  
CHOPRA, O.K., CHUNG, H.M. Argonne National Laboratory, FIN A-2243 ANL-89/22 90/02/28 Division of Engineering (Post 870413) 58pp 52802 190-52802 256

9003070250 NUREG/CR-5419 AGING ASSESSMENT OF INSTRUMENT AIR SYSTEMS IN NUCLEAR POWER PLANTS.  
VILLARAN, M., FULLWOOD, R., SUBUDHI, M. Brookhaven National Laboratory, FIN A-3270 BNL-NUREG-52212 90/01/31 Division of Engineering (Post 870413) 139pp 52803 129-52803 267

9003070254 NUREG/CR-3145 V08 GEOPHYSICAL INVESTIGATIONS OF THE WESTERN OHIO-INDIANA REGION Annual Report, October 1988 - September 1989.  
YOUNG, C.J., LAY, T., JACOBSON, J. Michigan, Univ. of, Ann Arbor, MI, FIN D-1695 90/02/28 Division of Engineering (Post 870413) 82pp 52802 257-52802 323

9003070256 NUREG/CR-5482 LABORATORY ANALYSIS OF FLUID FLOW AND SOLUTE TRANSPORT THROUGH A VARIABLY SATURATED FRACTURE EMBEDDED IN POROUS TUFF.  
CHUANG, Y., HALDEMAN, W.R., RASMUSSEN, T.C. Arizona, Univ. of, Tucson, AZ, FIN D-1662 90/02/28 Division of Engineering (Post 870413) 332pp 52801 083-52802 054

9003070261 NUREG/CR-5472 A RISK-BASED REVIEW OF INSTRUMENT AIR SYSTEMS AT NUCLEAR POWER PLANTS.  
DEMOSS, G., LOFGREEN, E., ROTILEDER, B. Science Applications International Corp. (formerly Science Applications, Inc.) FIN A-3968 BNL-NUREG-52220 90/01/31 Division of Systems Research (Post 860717) 165pp 52802 324-52803 128

9003070265 NUREG/CR-5395 V02 MULTIOBJECT INTEGRAL SYSTEM TEST (MIST): FINAL REPORT Test Group 30, Mapping Tests  
GEISSLER, G.O. Babcock & Wilcox Co, FIN B-8909 EPRI/NP-6480 89/12/31 Division of Systems Research (Post 860717) 1,058pp 52803 305-52806 282

9003070275 NUREG/CR-4671 THE DF-4 FUEL DAMAGE EXPERIMENT IN ACRW WITH A BWR CONTROL BLADE AND CHANNEL BOX  
GAUNT, R.O., GASSER, R.D. Sandia National Laboratories, OTT, L.J. Oak Ridge National Laboratory, FIN A-1355 SAND86-1443 89/11/30 Division of Systems Research (Post 860717) 397pp 52806 283-52807 318

9003080122 Forwards map showing locations where background samples collected during evaluation of radioactive liquid effluent releases from plant, per telcon. Substitution of map for incorrect location map in NUREG/CR-4286 requested.  
COTTRELL, W.D. Oak Ridge Associated Univs 90/02/14 YUHAS, G. Region 5, Ofc of the Director 2pp 52858 319-52858 320

9003080178 Requests Ltr to evaluate rad' on exposure to thyroid of control room operators per NUREG-0737, Item III D.3.4 requirements. Commitment requested within 60 days of receipt of ltr.  
 PROMER, Ck. A. W. Project: Directorate I-4 90/02/27 FITZPATRICK, E. General Public  
 LIESER, Ck. - GPU Service Corp 5pp 52910 345-52910 349

9003080192 Forwards safety evaluation concluding that OCFOR  
requirements needed in Suppl 1 to NUREG-0737, met based on results of NRC  
841106-09 onsite audit & Apr 1985 meeting  
ENGLER, B. Project Directorate II-2. Tapp 56143 90/02/28 STEWART, W.L. Virginia  
Power (Virginia Electric & Power Co.) Tapp 52803 272 52893 277

~9603080198 Safety evaluation concluding that DCDRA program implemented at  
facilities satisfies all DCDRA requirements in Suppl. 1 to NUREG 0737  
\* Office of Nuclear Reactor Regulation Director (Post: 87C411) 10/02/26 Sp  
52893 275 52893 277

9003030204 Forwards DUREG/CR-4874, Vols 9 & 10, "1980 Accident Sequence Predictor Rep." Rept describes & evaluates significant operational events reported by IERS for CY84. WFO end  
 030424E1 Office for Analysis & Evaluation of Operational Data, Director 900027  
 27 MURLEY, E. Office of Nuclear Reactor Regulation, Director (Post 870311)  
 BECK, J. Office of Nuclear Regulatory Research, Director (Pre 263720), c/p  
 5291C:131 5291G 132

5003030126 Revoked 930214 4 in compliance agency request to NRC operations director  
NCRF50/216(21) to removal of HFCL sys from over planned sys outage & ad-  
vises that event classification guide will be revised to reflect NUREG-1022  
NACAP/JJ Public Service Electric & Gas Co of New Jersey 90/2723 Document  
Control Branch Document Control Desk 10 52373-134-52373-131

9003090324 Partial response to FOIA request for documents listed App B documents  
 excepted APP A & B documents available in PDR  
 PHILIPS JID Division of Freedom of Information & Publicity Services (Post  
 04-035) 07/02/26 WEBER MIA New York Newsway 1980 52590 272 52590 284

~9003050420 Response to 810530 in transmitting constituent V. Pezmaster 810295 request for info on transportation of radioactive DOT certified fuel rods to on site for reprocessing and listing exemptions Related info and WFO and  
D. K. S. W. J. C. of the Executive Director for Operations 810421 OAMA/OA  
Serial 11 0290 283-52393 263.

45003120403 Response to 620219 re forwarding 820122 from constituent GJ Glass  
expressing concern re evaluation planning in view of faculty evaluation highly un-  
likely as protection measure for alleged info and VIO ends  
CHIEF SW: C/o of the Executive Director for Operations 2/20/75 DAWA/DA  
Senato 21p 52590345 42990346

--5003130573 Forward: Suppl 1 to NUREG-0651/FEMA-NEP-1 Rev. 1 W/enc  
BRADBURNE J.C. Congressional Affairs 87/11/30 DAMADAM Senate 'p  
52391-117-52391-117

-9003120499 Responds to 820728 ltr on behalf of Ft Annunzio concerns re safe operation of facility & status of emergency planning in area FEMA assists state & counties in planning process & recommends action implementation W/relating to W/O end  
KAMBER, C. Office of Congressional Affairs (Pre 87G413) 82/C8/19 L'AMATO, A  
Senate 200 52931 003-52931 004

9003090421 Forwards draft HUEG-1336, "Environ Assessment for Use of Thermal Neutron Activation Explosive Detection Sys in Concourse Isolations at US Airports" & supporting documents to be placed in PCR  
JONES-C, Chief of Nuclear Material Safety & Safeguards Director 11/21/90 03/03/96  
NHC - No Correlated Affair on Given 649cc 52911 003 52912 231

-9003090424 Requests amend to License 29-13141-05, authorizing use of SAIC Model  
EDS-3, "Explosive Detection Sys in Lobby/Concourse Area of Airports"  
RAYGE v. Science Applications International Corp (Formerly Science Applications, Inc.)  
11/21/17 6/3/08/22. DAV.S.J. Region 1, Ofc of the Director 2pp. 52911264  
52911265

9003120395 Ack receipt of 891211 re transmitting concerns re items discussed in plan  
draft 1.1 term. OL SER (NUREG-1382) Add clarification will be needed from UCL  
900229 meeting re environment monitoring & ECCS NRC comments encl.  
STGLZLF Project Directorate 14 90/02/26 TOSCH,K W. New Jersey, State of  
1366 52973 310-52973 322

9003120111 Forwards FEMA analysis of prompt alert & notification sys for plant FEMA determined that alert & notification sys installed around plant satisfies requirements of NUREG-0654/FEMA-REP-1, Rev 1 & FEMA-REP-10  
GREGG, L.P. Region 3, O/c of the Director 50/02/20, L.I.U. Iowa Electric Light & Power Co. 270pp \$2974-232-52975-141.

9003120560 Forwards annual ECCS outage rept for 1989 per NUREG 0887 & updated SAR App A re TMI Action Plan Item IJK 3.17 Subj rept w/ not be provided in future instead of w/ LME NPROS & 10CFR50.37 reporting requirements  
KAPLAN, A Cleveland Electric Illuminating Co PY:CEI/NRR-1337 80/02/28 Document Control Branch (Document Control Desk) 20-PC 52974:119,52974:158

9003120744 NUHEG/CR-5376 QUALITY ASSURANCE AND VERIFICATION OF THE  
MACCS CODE, Version 1.5  
DOBBE, C.A., MARWILE, S., CARLSON, E.R. EG&G Idaho, Inc (subs of EG&G, Inc)  
FIN A-6866, EGG-2566 90/02/28 Division of Systems Research (Post #80717)  
61cp, 52802 176 52882 236.

9003120758 NUREG/CR-5302 CLOSEOUT OF IE BULLETIN 80-10: CONTAMINATION OF NONRADIOACTIVE SYSTEM AND RESULTING POTENTIAL FOR UNMONITORED, UNCONTROLLED RELEASE OF RADIOACTIVITY TO ENVIRONMENT. FOLEY, W.J., DEAN, R.S., HENNIK, A. PARAMETER, Inc. FIN B-8729. PARAMETER IE183. 93/02/28 Division of Operational Events Assessment (Post 870411). 30pp. 52682 237-52682 286

6003120764 NUREG/CR-5229 V02 TMI-2 EPICOR-II RESIN/LINER INVESTIGATION  
LOW-LEVEL WASTE DATA BASE DEVELOPMENT PROGRAM FOR FISCAL YEAR  
1989 Annual Report.  
MCCONNELL, J.W., ROGERS, R.D. EG&G Idaho, Inc. (subs. of EG&G, Inc.  
DAVIS, E.C. Oak Ridge National Laboratory. FIN A-6876. EGG 2577. 90/02/28. Div  
sion of Engineering (Post 870413). 52pp. 52882:124-52882:175.

9003120769 NUREG/CR-4661 CLOSEOUT OF IE BULLETIN 85-03 MOTOR-OPERAT.  
ED VALVE COMMON MODE FAILURES DURING PLANT TRANSIENTS DUE TO IM-  
PROPER SWITCH SETTINGS  
FOLEY,W.J. DEAN,R.S. STEINBRECHER,H. PARAMETER, Inc FIN 88729. PA-  
RAMETER IE158. 90/02/28 Division of Operational Events Assessment (Pc)  
870411). 108pp 52802 267-52983 014.

9003120772 NUREG/CR-4668 DAMAGED FUEL EXPERIMENT DF-1. Results And Anal-  
yses.  
GASSER, R.D., FRYER, C.P., GAUNT, R.O. Sandia National Laboratories, F N A-1355  
SANDC6-1030, 30/01/73. Division of Systems Research (Post 880717). 269pp.  
52HH4 G69-52884/77

9003120783 NUREG-1291 TECHNICAL SPECIFICATIONS, COMANCHE PEAK STEAM  
ELECTRIC STATION, UNIT 1 Docker No. 50-445, Appendix "A" To License No. NPF-  
23  
\* Comanche Peak Project Division (890101-903602) 90/02/20 35:pp 52803 015-  
4284 009

3003130063 Forwards 1989 annual report of facility changes, tests, experiments & safety & relief valve failures & challenges. Summary of changes to fire plan implemented following most recent trip of the protection program included in report.  
MINECK, D., Iowa Electric Light & Power Co. NG-90 0370 90/02/26 MJF, EY, 7 E.  
Office of Nuclear Reactor Regulation, Director (Post 870411) 1p 2855 001-5295 028

5003130117 NUREG-0200 V14 NOT LICENSED OPERATING REACTORS STATUS  
SUMMARY REPORT (Data As Of December 31, 1999 (Gray Book I)  
COVERAGE WITH Branch of Computer & Telecommunication Services (Post 800275)  
03/02/28 54pp 52885 050-52886 272

2003130270 Subjects info in response to 950122 request for initiation of informal complaint procedures per section 5.1.2 of NRC/EPC-2070 OIR conduct violates Commandment 4. 4 candidates whose candidates discovery procedures completed. NEWELL G J. Space & McDonald. NEWELL G J. North Carolina Eastern University. Power Agency. A. 95030122. MCKENNA, E. Program Management, Policy Development & Analysis Staff. Post 0704119. Page 1 of 14. 2011-5-30 14:20.

3003140001 Forwards Rev 5 to GENP-210A, "QA Program Description for Nuclear Power Businesses QA Program," per AT Gody 003122 request NRC evaluation transmittal. Includes NUREG 0050.

SCILHÉRAE Construction Engineering, no. 10-99-016 50/02/22 WILSON/VH  
Planning Program & Management Support Branch (Post 87641) 'p. 53016 225  
33016 274

0003140006 Forwards Safety Insp Rpts 50-317/90-04 & 50-318/90-04 on 9/3/92.  
25 No violations or deviations noted/Improvements needed in emergency classification  
the system emergency action levels inconsistent with NHTSA's USA  
NHTSA's Reg on 1. Cite of this Order 10/03/92 (REEL) C. Baltimore  
Police Co 3pp 63019-267-53019 28/

2003140022 Forward application for award to Legions BPR-16 consisting of Tech  
per Change Request 185 to accommodate implementation of 24 month operational  
cycle w/3-month outage, or 24 month part-released cycle.  
FITZPATRICK, General Public Utilities Corp - GPU Service Corp 80/03/02 Docu  
ment Control Branch (Document Control Desk) 416 53024 144-53024:146

-9003140027 Proposed Tech Specs,accommodating implementation of 21-month operating cycle w/3-month outage or 24-month plant refueling cycle  
\* General Public Utilities Corp. + GPU Service Corp 90/03/02 13pp 53024 176 53024 188

9003140077 Response to 691221 request for views on dual regulation by NRC & EPA of mixed wastes & assertion that NRC expanded regulatory requirements for low level radioactive wastes. Concerns will be addressed in update to SHP (NUREG-1200). JENTON, H.R. Office of Nuclear Material Safety & Safeguards Director 50/03/05 PASTERNAK, A. California Radioactive Materials Management Forum 12pp 53018 079-53018 090

9003140252 Forwards safety evaluation concluding that info re DCRQ7, provided in summary rept, meets requirements of Suppl 1 to NUHEG-0737 Info re human eval, retesting deficiency, provided in 890623 in pr Rev 3 to Reg Quid 1/9 to be reviewed by NEIGHBOURS, J.D. Project Directorate I-1 IAC 56132. 90/03/07 BHCNS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 56132 53018 326-53018 330

9003150158 Responds to 890228 in providing assurance that plant control room ventilation sys as currently configured & operated, capable of fulfilling design functions & meets NUREG-0737 Recommendations that margin of safety be provided.  
DAVIS M J Project Directorate III-3 TAC 73563. 90/03/07 EVERSON H Wisconsin Public Service Corp. Snp 53047 190-53047 194.

9003160045 NUREG-0750 C.02 INDEXES TO NUCLEAR REGULATORY COMMISSION  
ISSUANCES January 1, 1980 Through December 31, 1985.  
\* Division of Freedom of Information & Publications Services (Post #90205). 529/1  
30 1 082:n 22958 212 52961 220

9003160050 Responds to Generic Ltr 89-11, "BWR Reactor Water Level Redundancy, providing resolution to Generic Issue 101 & NUHEG/CR-5112 Breaks in vessel level instrumentation have no effect on feedwater operation. EDDY, J.D. Consumers Power Co. GL-89-11, 90/02/14. Document Control Branch (Document Control Desk) 500 530601,503060 104.

9003160092 Responds to Genov. Ltr 89-21 re status of implementation of USIs at  
facilities. USI A-2 re asymmetric blowdown loads in RCS closed via issuance of  
NUREG-0712 USI A-45 re shutdown OHR requirements not yet resolved  
NANDY,FR Southern California Edison Co. GL-89-21, 90/03/12. Document Control  
Branch (Document Control Desk) 11pp. 53042-174-53042-144.

9003160182 Forwards "Owners Data Rpt for Inservice Insp EI Hatch Nuc/04  
Plant, Unit 2 Sept-Dec 1989" & "Metallurgical Evaluation of Four Inch Pipe to Eibg  
Weld from Hatch Plant, Unit 2"  
HAIRSTON, W.G. Georgia Power Co. GL-88-01 90/03/07. Document Control Branch  
(Document Control Desk). 3pp. 530401 185-530401.301.



9003190239 Forwards documentation re ut: IGSCC insp results of Refueling Outage including repair/maintenance actions taken as result of NUREG-0313 Rev 2. Rept on mechanical stress improvement process and Rept withheld CUTTER, A.B. Carolina Power & Light Co. GL-88-01. 80/02/21. Document Control Branch (Document Control Desk). 48pp. 53053 215-53053 282

9003190259 NUREG-1392 LEAKAGE OF AN IRRADIATOR SOURCE - THE JUNE 1988 GEORGIA RSI INCIDENT  
Office of Governmental & Public Affairs (Post 870413). SETSER, J.L. Georgia State of. 80/02/28. 45pp. 53005 245-53005 292

9003190289 NUREG/CR-5273 V04 SCDAP/RELAP5/MOD2 CODE MANUAL VOLUME 4 MATPRO - A LIBRARY OF MATERIALS PROPERTIES FOR LIGHT-WATER REACTOR ACCIDENT ANALYSIS  
BUCCAFURNIA, CARLSON, E.L., CHAMBERS, R. EG&G Idaho, Inc. (subs. of EG&G, Inc.) FIN A-6360 EGG-2555. 80/02/28. Division of Systems Research (Post 880717). 1,099pp. 53002 040-53005 058.

9003190289 NUREG/CR-5256 COMPONENTS OF AN OVERALL PERFORMANCE ASSESSMENT METHODOLOGY  
DAVIS, P.A., PRICE, L.L., WAHLE, K.K. Sandia National Laboratories. FIN A-1165 SAND88-3020. 80/02/28. Division of High-Level Waste Management (Post 870413). 109pp. 53012 285-53013 033

9003190289 NUREG/CR-4691 V02 MELCOR ACCIDENT CONSEQUENCE CODE SYSTEM (MACCS) Volume 2. Model Description  
JOWH, SPRUNG, J.L., ROLLSTIN, J.A. Sandia National Laboratories. FIN A-1853 SAND88-1582. 80/02/28. Division of Systems Research (Post 880717). 186pp. 53005 059-53005 244.

9003190293 NUREG/CR-4691 V03 MELCOR ACCIDENT CONSEQUENCE CODE SYSTEM (MACCS) Volume 3. Programmer's Reference Manual  
ROLLSTIN, J.A., CHANIN, D.J., JOWH, Sandia National Laboratories. FIN A-1853 SAND88-1582. 80/02/28. Division of Systems Research (Post 880717). 341pp. 53042 250-53043 230

9003190298 NUREG/CR-5435 ENVIRONMENTAL EFFECTS ON CORROSION IN THE TUFF REPOSITORY  
BEAVERS, J.A., THOMPSON, N.G. Cortest Columbus, Inc. FIN D-1892. 80/02/28. Division of Engineering (Post 870413). 52pp. 53012 133-53012 184.

9003190303 NUREG/CP-0109 PROCEEDINGS OF THE SEMINAR ON LEAK-BEFORE-BREAK Further Developments in Regulatory Policies And Supporting Research  
WILKOWSKI, G.M. Battelle Memorial Institute, Columbus Laboratories. CHAO, K.S. Taiwan Power Co. FIN D-1658. 80/02/28. Division of Engineering (Post 870413). 352pp. 53043 231-53044 222

9003190328 NUREG/CH-5511 IRRADIATION EFFECTS ON STRENGTH AND TOUGHNESS OF THREE-WIRE SERIES-ARC STAINLESS STEEL WELD OVERLAY CLADDING  
HAGGAG, F.M., CORWIN, W.R., NANSTAD, H.K. Oak Ridge National Laboratory. FIN L-1098. ORNL/TM-11439. 80/02/28. Division of Engineering (Post 870413). 150pp. 53044 223-53045 012

9003200391 Documents info provided in telcon re relief & safety valve testing  
FEIGENBAUM, T.C. Public Service Co of New Hampshire NYN-90065. 80/03/08. Document Control Branch (Document Control Desk). 3pp. 53078 290-53078 282.

9003210096 Ack receipt of 900220 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-344/89-30. Advises that NRC position re monitoring of effluent stream contained in GDC 64 & Reg Guide 1.21.  
YUHAS, G.P. Region 5, Ofc of the Director. 80/03/16. COCKFIELD, D.W. Portland General Electric Co. 2pp. 53093 338-53093 351.

9003210157 Forwards safety evaluation concluding that plant procedures generation package submitted by B41228 ltr needs review to address programmatic improvements which will enhance ability to develop high quality emergency operating procedures  
PATEL, C.P. Project Directorate III-2. GL-82-33. 80/03/13. KOVACH, T.J. Commonwealth Edison Co. 13pp. 53111 330-53111 342

9003210182 Forwards safety evaluation concluding that review of plant procedures generation package submitted by B41030 ltr needed re programmatic improvements to enhance ability to develop high quality emergency operating procedures  
OLSHAN, L.N. Project Directorate III-2. GL-82-33. 80/03/13. KOVACH, T.J. Commonwealth Edison Co. 11pp. 53111 283-53111 293

9003210190 Forwards W Cottrell, ORNL 900214 ltr to G Yuhas documenting corrections to background sampling locations as specified in NUREG/CR-4286 for incorporation in NUREG.  
YUHAS, G.P. Region 5, Ofc of the Director. 80/03/13. KEUTER, D.R. Sacramento Municipal Utility District. 1p. 53112 102-53112 102

9003210226 Advises that and draft NRC info notice, "Interpretation of Bioassay Measurements, Assessment on Intake," will not be issued but will be made available in PDR Notice may be transmitted to licensees  
CUNNINGHAM, L.J. Radiation Protection Branch. IEIN-82-18. 80/03/14. BELLAMY, R.R., JOYNER, J.H. Region 1, Ofc of the Director. COLLINS, D.M. Region 2, Ofc of the Director. 5pp. 53132 241-53132 245

9003210230 Forwards CEN-327-A & Suppl 1, "RPS/ESFAS Extended Test Internal Evaluation."  
STERLING, E.C. C-E Operating Plants Owners Group. CEOG-90-083. 80/02/05. THADANI, A.C. Division of Systems Technology (Post 880827). 1p. 53093 352-53097 211.

9003220252 Forwards Rev 1 to YAE: 1693-A, "Application of One-Dimensional Kinetics to BWR Transient Analysis Methods," per NUREG 0380.  
TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. BNY 90-030. 80/03/15. Document Control Branch (Document Control Desk). 1p. 53113 001-53113 070.

9003220276 Forwards "Method for Generation of One-Dimensional Kinetics Data for RETRAN-02," per NUREG-0393 & 891211 request.  
TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. BNY 90-031. 80/03/15. Document Control Branch (Document Control Desk). 1p. 53174 017-53174 088.

9003230012 Responds to 900301 ltr that forwarded M Bedich ltr re NRC Fitness-for-Duty rule & subjective manipulation of nuclear plant work force & advises that NRC employees covered by NRC program developed to achieve drug-free work place.  
TAYLOR, J.M. Ofc of the Executive Director for Operations. 80/03/19. BILEY, T.J. House of Rep. 6pp. 53138 348-53138 356

-9003230014 Request response to encl M Bedich 800216 ltr expressing concern re NRC Fitness-for-Duty rule & subjective manipulation of nuclear plant work force  
BILEY, T.J. House of Rep. 80/03/01. COMBS, T. NRC - No Detailed Affiliation Given. 2pp. 53138 355-53138 356.

9003230082 Forwards rev to commitment re control of heavy loads Rev allows station to operate reactor bldg pot crane during Modes 1-4 for certain main activities  
TUCKER, H.B. Duke Power Co. RGM/03139001. 80/03/15. Document Control Branch (Document Control Desk). 6pp. 53126 351-53126 358

9003230133 Forwards safety evaluation delineating programmatic improvements to enhance ability to develop & maintain consistently high quality emergency operating procedures in area of waters guide  
CROCKER, L.P. Project Directorate III-3. TAC 14307. 80/03/21. HAIRSTON, W.G. Georgia Power Co. 13pp. 53149 103-53149 116.

9003260189 Responds to Generic Ltr 89-19 re safety implication of control sys in LWR nuclear power plants. Completion of detailed design studies & safety assessments needed before decision on steam generator overfill protection sys made.  
ROSENBLUM, R.M. Southern California Edison Co. GL-88-20. 80/03/20. Document Control Branch (Document Control Desk). 2pp. 53147 163-53147 164

9003260327 Forwards safety evaluation accepting all response to OCRDR concerns noted in NRC 870302 SSER, per Suppl 1 to NUREG-0737 & TMI Item ID.1  
STONE, J.C. Project Directorate I-2. TAC 56160. 80/03/15. MULTEMBERGER, S. Public Service Electric & Gas Co. of New Jersey. 5pp. 53148 073-53148 077

9003260335 Responds to Generic Ltr 89-19, "Request for Action on Resolution of USI A-47." Util concurs w/conclusions of NUREG-1218 that implementation of overfill protection at plant not warranted.  
BERRY, K.W. Consumers Power Co. GL-89-18. 80/03/19. Document Control Branch (Document Control Desk). 8pp. 53189 086-53189 104.

9003260461 Forwards FR 24018, Vol 53, No 123 re decommissioning rule Rule becomes fully effective on 800727.  
PATER, J. Region 5, Ofc of the Director. 80/03/07. LEIDHOLDT, E.M. Veterans Admin. Medical Center, Martinez, CA. 2pp. 53156 156-53156 157.

9003260482 Forwards FR 24018, Vol 53, No 123 re decommissioning rule W/o encl.  
PATER, J. Region 5, Ofc of the Director. 80/03/07. BIRNBAUM, R. Veterans Admin. Medical Center, Tacoma, WA. 2pp. 53156 106-53156 107

9003270086 Forwards response to specified recommended actions of Generic Ltr 89-19 re USI A-47, including steam generator overfill protection, periodic verification & testing of overfill protection & stated emergency operating procedures  
CREEL, G.C. Baltimore Gas & Electric Co. GL-89-19. 80/03/19. Document Control Branch (Document Control Desk). 4pp. 53164 001-53164 004

9003270430 Forwards Requalification Exam Rept 50-458/OL-90-01 on 900128 & 0205 Overall performance met requirements for satisfactory requalification program per NUREG-1021. Health physics practices by operators inconsistent.  
COLLINS, S.J. Region 4, Ofc of the Director. 80/03/16. OEDDEN, J.C. Gulf States Utilities Co. 3pp. 53193 059-53193 071.

## ORQ CORRESPONDENCE WITH OTHER ORGANIZATIONS

8908170190 Forwards SAIC-89/1136, "Collation & Analysis of Occupational Radiation Exposure Data (REIRS)," re 1988 occupational dose summary for operating power plants.  
HINSON, C.S. Radiation Protection Branch. 89/09/10. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 2pp. 53059 327-53059 328.

-8907190151 SAIC-89/1136 "Collation & Analysis of Occupational Radiation Exposure Data."  
Science Applications International Corp. (formerly Science Applications, Inc.). FIN B-5813. NRC-03-87-029. 89/07/11. NRC - No Detailed Affiliation Given. 18pp. 53059 329-53059 347.

9002160093 NRC Info Notice 90-010, "Primary Water Stress Corrosion on Cracking of Inconel 600." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 80/02/23. Consolidated Edison Co. of New York, Inc. 99pp. 52776 262-52776 360.

9002230283 NRC Info Notice 90-011, "Maintenance Deficiency Associated W/ Solenoid-Operated Valves." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). IEIN-86-043. 80/02/28. Consolidated Edison Co. of New York, Inc. 99pp. 52776 163-52776 261.

9002230378 NRC Info Notice 90-012, "Monitoring or Interruption of Plant Communications." Svc list encl.  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 80/02/28. Consolidated Edison Co. of New York, Inc. 98pp. 52844 001-52844 089.

9002260146 Advises that EL Blake will replace BW Churchill on mailing list for receipt of info involving law firm.  
PIZZUTO, C.M. Shaw, Pittman, Potts & Trowbridge. 80/02/12. SWENSON, W.H. Project Directorate III-3. 2pp. 52739 188-52739 189.

9002260217 Requests membership of H Lee on ASME SC III Subgroup on NUPACK & that Lee & D Huang serve on working group of general requirements.  
BECKJORD, E.S. Office of Nuclear Regulatory Research (Post 880720). 80/02/07. GERWIN, E.F. American Society of Mechanical Engineers. 1p. 52740 039-52740 039.

9002260277 Summary of Operating Reactors Events Meeting 80-03 on 800207. List of attendees & viewpoints encl.  
BARANOWSKY, P.W. Events Assessment Branch. OREM-80-003. 80/02/12. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 19pp. 52728 293-52728 311.



9002260434 Responds to K Perkins 900117 request to review draft rev to ES-60 "The individual's simulator critical tasks. Recommends that more innovative application of 10CFR55.59(b) resulting in three for approach be investigated. MILLER, H.J. Region 3, OIC of the Director. 90/02/13. RCE, J.W. Division of Licensee Safety & Quality Evaluation (Post 870411). 5pp. 52741 079 52741 083

9002260446 Forwards FEMA rept of full participation exercise conducted on 8/07/25-26 at facility for n/o. GRIMES, C. Comanche Peak Project Division (890101-900502). 30/02/14. CHALL, W.J. TU Electric (formerly Texas Utilities Generating Co.). 4pp. 52721-188-52721-244.

9002260463 CIG 89A-019 "Review of Nonunion Executive Svc Performance Appraisal Sys." WILLIAMS, D.C. Office of Inspector General (Post 890417). 50/07/31. 15pp. 52711 106-52711 120.

9002270244 Forwards FEMA summary of deficiency rept of 6/31/02-13 offsite radiological emergency response exercise. KAPP, M.R. Region 1, OIC of the Director. 90/02/03. BIRD, R.G. Boston Edison Co. 4pp. 52758 263-52758 278.

9002270245 FEMA summary of deficiency radiological emergency response exercise on 6/10/12-13. Federal Emergency Management Agency. 90/02/09. 12pp. 52756 267-52758 278.

9002270274 Forwards comments on ANSI N14.30 "American National Standard Design, Fabrication & Maint of Semi-Trailers Employed in Transportation of Weight Concentrated Radioactive Loads." MACDONALD, C.E. Transportation Branch. MACDONALD, C.E. ANSI N14 Standards Committee. 90/02/13. WELCH, M. ANSI N14 Standards Committee. 3pp. 52755-235-52755 237.

9002270389 NRC Info Notice 90-013. "Importance of Review & Analysis of Safeguards Event Logs." Svc list encl. ROSSICE, E. Division of Operational Events Assessment (Post 870411). 90-03/05. Consolidated Edison Co. of New York, Inc. 9pp. 52844 100-52844 109.

9002280081 NRC Info Notice 90-014. "Accidental Disposal of Radioactive Materials." Svc list encl. LAMMINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870220). 90/03/05. Consolidated Edison Co. of New York, Inc. 6pp. 52937 031-52937 034.

9002280129 Notification of 900302 meeting w/DOE BNLO/PL & State of GA in Buckhead, GA to discuss design update/technology program update (plan & schedule) physics & value & loss on product plan/water ingress prevention & equipment classification. WILLIAMS, P.M. Advanced Reactor & Generic Issues Branch. 90/02/15. WILSON, J.N. Advanced Reactor & Generic Issues Branch. 2pp. 52779 247-52779 248.

9002280174 Forwards biweekly notice of applications & amendments to OCS involving NRC published in FR on 9/01/24 w/o encl. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/05. BREAUX, J.B. Senate, Environment & Public Works. 2pp. 52779 245-52779 246.

9003010172 NRC Info Notice 90-015. "Reciprocity Notification of Agreement State Radiation Control Directors Before Beginning Work in Agreement States." Svc list encl. CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870223). 90/03/07. Consolidated Edison Co. of New York, Inc. 9pp. 52897 095-52897 189.

9003010227 NRC Info Notice 90-016. "Compliance W/ New Decommissioning Rule." Svc list encl. HANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/03/07. Consolidated Edison Co. of New York, Inc. 91pp. 52937 288-52938 018.

9003010243 Provides rev to EGM 85-658, "Relief from Tech Spec Limiting Conditions for Operations." If waiver of compliance terminated, licensee must take steps to achieve required plant status. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 90/02/22. RUSSELL, W.T. Region 1, OIC of the Director. BENETER, S.D. Region 2, OIC of the Director. DAVIS, A.B. Region 3, OIC of the Director. 7pp. 52938 258-52938 264.

9003010293 Suppl 2 to NRC Info Notice 89-059. "Suppliers of Potentially Misrepresented Fasteners." Svc list encl. ROSSICE, E. Division of Operational Events Assessment (Post 870411). IEB 87-002. 90/03/07. Consolidated Edison Co. of New York, Inc. 103pp. 52844-189-52844 238.

9003020101 Forwards corrected FEMA 891215 rept of full participation exercise conducted on 8/07/25-26 at plant. Due to administrative oversight two-sided rept reproduced as one-sided. GRIMES, C. Comanche Peak Project Division (890101-900502). 60/02/23. NRC - No Detailed Affirmation Given. 1p. 52799-001-52799-003.

9003020200 Forwards final exercise rept of 8/02/22 exercise of offsite radiological emergency preparedness for plant deficiency identified in Bear Creek Borough re nonparticipation during exercise. Correction exhibited at 8/06/01 remedial exercise. BELLAMY, R.R. Region 1, OIC of the Director. 90/02/20. KEISER, H.W. Pennsylvania Power & Light Co. 2pp. 52795-178-52795-344.

9002260367 Forwards D Kwiatkowski 900112 ltr transmitting FEMA Region III rept for 900222 exercise at plant w/o encl. ERICKSON, R.A. Emergency Preparedness Branch. 90/01/31. BELLAMY, R.R. Region 1, OIC of the Director. 1p. 52795-177-52795-344.

9003020211 NRC Info Notice 90-017. "Weight & Ctr of Gravity Discrepancies for Copes-Vulcan Valves." Svc list encl. ROSSICE, E. Division of Operational Events Assessment (Post 870411). IEB 89-028. 90/03/08. Consolidated Edison Co. of New York, Inc. 104pp. 52963 096-52963 199.

9003050043 NRC Info Notice 90-018. "Potential Problems W/ Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSSICE, E. Division of Operational Events Assessment (Post 870411). 80/03/09. Consolidated Edison Co. of New York, Inc. 100pp. 52963 200-52963 209.

9003050140 NRC Bulletin 90-001. "Loss of Fill-C in Transmitters Mfg by Rosemount." Svc list encl. ROSSICE, E. Division of Operational Events Assessment (Post 870411). IEB 89-042. 90/03/09. Consolidated Edison Co. of New York, Inc. 103pp. 52563 300-52964 048.

9003060038 Forwards FEMA final rept for plant emergency exercise on 8/06/21-22. No deficiencies noted. Four areas requiring corrective actions noted & nineteen areas recommended for improvement. COLLINS, D.M. Region 2, OIC of the Director. 90/02/16. BEAHD, P.M. Florida Power Corp. (subs. of Florida Progress Corp.). 3pp. 52835 251-52835 299.

9003060042 Forwards 8/9/22 FEMA exercise evaluation rept for 8/03/26 emergency preparedness exercise. No deficiencies observed during exercise. COLLINS, S.J. Region 4, OIC of the Director. 90/02/23. HALL, G.P. Houston Lighting & Power Co. 4pp. 52825 289-52826 020.

9003060131 Forwards "Final Report: Monitor & Reactor Generating Plant Northern States Power Co. Joint Exercise on 8/07/26." KWIAKOWSKI, D. Federal Emergency Management Agency. 90/02/13. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 2pp. 52845 016-52845 081.

9003060134 "Final Report: Monitor & Reactor Generating Plant Northern States Power Co. Joint Exercise on 8/07/26." Federal Emergency Management Agency. 90/02/13. 6pp. 52845 021-52845 081.

9003060240 Forwards comments on Rev 1 of IAEA Nuclear Safety Standards Safety Guide 5-SG-32 "Fire Protection in Nuclear Power Plants." LAMMINGHAM, R.E. Office of Industrial & Medical Nuclear Safety. 90/02/21. SHEA, B. International Programs. 4pp. 52847 191-52847 278.

9003060243 Requests comments on draft Rev 1 of IAEA Nuclear Safety Standards Safety Guide 5-SG-32 "Fire Protection in Nuclear Power Plants." SHEA, B. International Programs. 90/02/13. LAMMINGHAM, R.E. Office of the Executive Director of Operations. 2pp. 52847 191-52847 278.

9003060260 90-SG-32 Rev 1 of IAEA Safety Guide 5-SG-32 Rev 1 "Fire Protection in Nuclear Power Plants." International Atomic Energy Agency. 89/12/11. 3pp. 52847 191-52847 278.

9003060297 Advises that J. L. Gentry 2 month into and w/DOE to select inspector can be arranged for request. GRIMES, B.K. Division of Reactor Inspection & Safeguards (Post 870411). 90/02/28. 3pp. 52838 104-52838 105.

9003060307 Advises that 8/11/24 substantial of two floppy disks containing needed plant status data tapes lost at 3/1/24. Co. when data tapes lost provided NUREG covered report, satisfactory completion was effected. Task. HELLING, G.H. Generic Communications Branch. 90/02/27. DEAN, R.S. PARAMETER, Inc. 1p. 52887 291-52887 291.

9003070032 Summary of Operating Reactors Events Meeting 90-05. 90-05-028. ROSSICE, E. Division of Operational Events Assessment (Post 870411). 14pp. 52889 016-52889 039.

9003070052 Responds to 900126 ltr in states on potential health & environment impacts attributable to nuclear & coal-fueled cycles. LD Hamilton worked in area in recent yrs & could be reached at listed address for additional. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 90/02/26. HALL, G.P. East Anglia, Univ. of Norwich, United Kingdom. 1p. 52888 298-52888 208.

9003070054 Request for OMB review & supporting statement re "OCF-173. Physical Protection of Plants & Mills." Estimated respondent burden is 24,168 h. AMENTA, J. Office of Information Resources Management (Post 890205). OMB 815C-9002. 90/02/26. 30pp. 52889 131-52889 169.

9003070266 Forwards FEMA 900122 ltr & exercise rept to findings for 8/11/16 announced emergency preparedness drill. No deficiencies or weaknesses identified that would require corrective action due to drill. GREGER, L.R. Region 3, OIC of the Director. 90/02/15. ILLI, Iowa Electric Light & Power Co. 2p. 52887 339-52887 358.

9003080082 Submits NRC rept on nondisclosure of safeguards info for quarter ending 8/12/31. NRC did not withhold any safeguards info from public disclosure per Section 147 of Atomic Energy Act of 1954, as amended during reporting period. RATHBLAND, K. Congressional Affairs. CCS 90/02/08. UDALL, M.K. House of Rep. Interior & Insular Affairs. SHARP, P.R. House of Rep. Environment & Public Works. BREAUX, J.B. Senate, Environment & Public Works. 4pp. 52897 186-52897 189.

9003080213 NRC Info Notice 90-019. "Potential Loss of Effective Vol for Containment Recirculation Spray at PWR Facilities." Svc list encl. ROSSICE, E. Division of Operational Events Assessment (Post 870411). 90/03/14. Consolidated Edison Co. of New York, Inc. 9pp. 52937 180-52937 281.

9003080271 Forwards "Final Radiological Emergency Preparedness Exercise Rept for Watford 3 Steam Electric Station" of 8/08/30 offsite exercise. No deficiencies noted. KWIAKOWSKI, D. Federal Emergency Management Agency. 90/02/08. CONGEL, F.J. Division of Radiation Protection & Emergency Preparedness (Post 870411). 2pp. 52894 076-52894 136.

9003080273 Final "Radiological Emergency Preparedness Exercise Rept. Watford 3 Steam Electric Plant" of 8/08/30 exercise. Federal Emergency Management Agency. 90/01/12. 50pp. 52894 076-52894 136.

9003080314 Request for OMB review & supporting statement re 10CFR81. "Std Specs for Granting Patent Licenses." Estimated respondent burden is 1 h. AMENTA, J. Office of Information Resources Management (Post 890205). OMB 3150-0121. 90/03/02. 6pp. 52967 009-52967 015.

9003090324 Parties' response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDF  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205) 90/02/26 WEBER, M.A. New York Newsday 18pp 52990 252 52990 284

9003120492 Forwards FEMA report on inadequate State of NY & local emergency response plans in vicinity of plant w/o encl  
KAMMERER, C. Office of Congressional Affairs (Post 870413) 92/02/04  
OTTINGER, R.L. House of Rep. Energy & Commerce 1p 52991 031 52991 031

9003120079 Notice of OMB review of info collection  
AMENTA, J.A. Office of Information Resources Management (Post 890205) 90/03/02 2pp 53007 118 53007 119

9003120111 Forwards FEMA analysis of prompt alert & notification sys for plant FEMA determined that alert & notification sys installed around plant satisfies requirements of NUREG 0654/FEMA-REP-1, Rev 1 & FEMA-REP-10  
GREGGER, L.R. Region 3, Office of the Director 90/02/20 LUT, Iowa Electric Light & Power Co 270pp 52974 212 52975 141

9003120113 Forwards biweekly notice of applications & amendments to OES involving NRCs published in 900207 FR w/o encl  
MURPHY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/26 BREAU, J.B. Senate, Environment & Public Works 3pp 53007 118 53007 117

9003120722 Ack receipt of 900722 FEMA ltr & exercise report to 891011 Ltr participation exercise at Facility Four & exercise exercises via appropriate plan & for potential changes  
GREGGER, L.R. Region 3, Office of the Director 90/02/22 SCHNEIDER, L.H. Union Electric Co 2pp 52971 029 52971 109

9003130012 NRC Bulletin 90002, "Loss of Thermal Margin Caused by Churned Box" w/o encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/01 90/03/20 Consolidated Edison Co of New York, Inc 10pp 53165 057 53165 147

9003130161 Notification of 900311 meeting w/IAEAs in El Paso AZ to discuss check valve testing requirements  
MURPHY, T.E. Mechanical Engineering Branch 90/03/02 MURPHY, T.E. NRC, "No Detailed Affiliation Given" 1p 53024 094 53024 094

9003130585 Forwards notice of proposed rulemaking re procedures, information package SEAs, charging terminology  
GREGGER, L.R. Project Director to R-3 90/02/26 Office of Nuclear Reactor Regulation, Director (Post 870411) 1pp 52990 247 52990 247

9003140415 Request for OMB review & supporting statement to 10CFR50, "Domestic Licensing of SNM" Re proposed Licensure of SNM  
AMENTA, J.A. Office of Information Resources Management (Post 890205) OMB 3150-0009 90/03/07 1pp 53030 051 53030 051

9003150279 Consolidated MOA between NRC & DOE, covering for statutory responsibilities under Title 10 U.S.C. Energy Research & Development Act of 1974  
BANGART, L.R. Division of Low-Level Waste Management & Decommissioning (Post 870413) WHITEFIELD, P. Energy Dept. 1p 53026 098 53026 221

9003160025 Documents 90121 communication inquiry between NRC & RPO in Rockville MD to provide format for info exchange described in INFOREQ 281033  
Munich Agreement Meeting materials encl Summary of experience for telework sessions provided  
TAYLOR, J.M. Office of the Executive Director for Operations 90/02/27 PATLIZ, T. Institute of Nuclear Power Operations 9pp 53030 072 53030 080

9003160224 NRC Info Bulletin 90020, "Personnel Injuries Resulting From Improper Operation of Air Handling Equipment" w/o encl  
CUNNINGHAM, R.C. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/22 Consolidated Edison Co of New York, Inc 10pp 53165 057 53165 147

9003160279 Summary of Operating Reactors Events Meeting 9006 on 5/07/07 to brief staff & managers from NRC/AEC, ACRS, NRC & regional offices on selected events that occurred since last meeting on 900228 List of attendees & related info encl  
FISCHER, D.C. Events Assessment Branch (CHEM-90036 90/03/08 ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 18pp 53036 223 53036 240

9003160306 NRC Info Notice 90021, "Potential Failure of Motor-Operated Butterfly Valves to Operate Because Valve Seal Friction Was Underestimated" w/o encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/04 90/03/22 Consolidated Edison Co of New York, Inc 10pp 53132 001 53132 100

9003190009 Forwards Commission biweekly notice of applications & amendments to operator licenses involving NRC published in FR on 900221 w/o encl  
MURPHY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/08 BREAU, J.B. Senate, Environment & Public Works 2pp 53048 330 53048 331

9003190132 Forwards AFOD/S902, "Review of Thermal Stratification Operating Experience" special study report should be of interest to NRC & license personnel participating in bulletin closeouts & industry assessment studies  
NOVAK, T.M. Office for Analysis & Evaluation of Operational Data Director AFOD/S902 90/03/05 ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 3pp 53048 140 53048 199

9003190134 "Review of Thermal Stratification Operating Experience," special study report  
SU, N.T. Office for Analysis & Evaluation of Operational Data, Director AFOD/S902 90/03/31 57pp 53048 143 53048 199

9003190349 NRC Info Notice 90-022, "Unanticipated Equipment Actuations Following Restoration of Power to Rosemont Transmitter Trip Units" w/o encl  
ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 90/03/23 Consolidated Edison Co of New York, Inc 10pp 53165 007 53165 108

9003210124 Responds to recipient & LaFert Jan 1990 ltr stating that NRC had certain radiation monitoring responsibilities following nuclear accident NRC capabilities do not extend to aerial radiation monitoring equipment  
MURPHY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 90/03/13 YARIV, Y. Sorq Nuclear Research Center, Yavne, Israel 5pp 53174 001 53174 016

9003210129 Request meeting to discuss feasibility & applicability of concept & sys re use of unmanned airborne vehicle for airborne nuclear monitoring following nuclear accidents LaFert encl  
YARIV, Y. Sorq Nuclear Research Center, Yavne, Israel LAUFERT, R. Israel Aircraft Industries Ltd 90/01/31 CARR, K.M. Communications 11pp 53174 008 53174 016

9003210187 Comment on proposed rule 48CFR20 re NRC acquisition regulation Requests that Commission delay publication of final rule pending resolution of OMB comments  
BAKER, D.F. Office of Management & Budget 54FR40420 00002 90/03/01 CHILK, S.J. Office of the Secretary of the Commission 21pp 53082 216 53082 238

9003210210 Summary of Operating Reactors Events Meeting 90-07 on 900314 List of attendees encl  
SCHNEIDER, L.H. Events Assessment Branch (CHEM-90-007 90/03/15 ROSSI, C.E. Division of Operational Events Assessment (Post 870411) 13pp 53132 133 53132 145

9003220104 Emergency motion for extension of stay, "Forwards intervention emergency motion for extension of stay of full power operation based on recent previously undisclosed reports of regulatory noncompliance at plant  
CURRAN, D. New England Coalition on Nuclear Pollution CURRAN, D. Seacoast Anti-Pollution League CURRAN, D. Massachusetts Commonwealth of #190 10076 OL 90/03/14 CURRAN, K.M. ROBERTS, T.M. ROGERS, K.C. Commissioners 2pp 53029 104 53029 133

9003220187 Intervention emergency motion for extension of stay of full power operation. Affirmation should be provided to consider newly discovered documents which implicate validity of NRC finding that plant complies w/requirements Sec. 51 encl  
CURRAN, D. New England Coalition on Nuclear Pollution CURRAN, D. Seacoast Anti-Pollution League CURRAN, D. Massachusetts Commonwealth of OL 90/03/14 Commissioners 2pp 53029 106 53029 133

9003220270 Forwards FEMA 900211 ltr & final exercise evaluations of post office emergency preparedness exercise on 85/07/26 Exercise demonstrates ability of State of MN & local ags to implement radiological emergency plans  
GREGGER, L.R. Region 3, Office of the Director 90/03/13 LARSON, C.E. Northern States Power Co 2pp 53122 164 53122 201

9003220239 Office of comments on proposed rule to improve low level waste shipment material 21 & 22 pp request 900305 request  
BURNETT, R.E. Division of Safety, Health & Transportation (Post 870413) 90/03/14 LANGRISH, R.E. Division of Low-Level Waste Management & Decommissioning (Post 870413) 1p 53146 003 53146 003

9003260128 Request for OMB review for 10CFR432 "Specific Domestic Licenses to Migrate Transfer Certain Items Containing Byproduct Mat." Estimated respondent burden 220 lb  
AMENTA, J.A. Office of Information Resources Management (Post 890205) OMB 3150-0009 90/03/21 1pp 53164 112 53164 116

9003260213 RUC-165 Research info RUC-165 provides resolution of issues re effectiveness of nuclear plant inspection for emergency core cooling No unresolved questions re development of nuclear plant inspection performance exists  
FISCHER, D.C. Office of Nuclear Reactor Regulation Research (Post 870720) 90/03/15 MURPHY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 7pp 53165 085 53165 091

9003270402 Request for OMB review & supporting statement to 10CFR50, "Domestic Licensing of Production & Utilization Facilities" Estimated respondent burden 220 lb  
AMENTA, J.A. Office of Information Resources Management (Post 890205) 3150-0009 90/03/21 1pp 53164 112 53164 116

## PR PROPOSED RULE

9003010230 Forwards Workpapers Notice of Annual Fees For FY90  
HOLLANDWAY, C.J. Office of the Controller (Post 890205) 90/02/28 LANHAM, D.H. Document Control Branch (Document Control Desk) 1p 52784 203 52784 294

9003010239 Workpapers Notice of Annual Fees for FY90  
\* License Fee & Debt Collection Branch (Post 890322) 90/02/28 91pp 52784 204 52784 234

9003010266 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds  
\* Affiliation Not Assigned 53FR21550 00140 90/02/07, NRC - No Detailed Affiliation Given 1p 52727 272 52727 272

9003010259 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds  
GRAHAM, H. Affiliation Not Assigned 53FR21550 00139 90/02/07 Docketing & Services Branch 1p 52727 273 52727 273

9003010261 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG-0360 re safe containers for transportation of Pu  
\* Affiliation Not Assigned 53FR21550 00163 90/02/07, Docketing & Services Branch 1p 52721 354 52721 354

9003010265 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Requests that Senator Murkowski amend (NUREG-0360) be taken strongly  
FARNHAM, K. Affiliation Not Assigned 53FR21550 00138 90/02/07, Docketing & Services Branch 1p 52727 274 52727 274

9003010270 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Requests support of NUREG-0360  
LAVALLÉE, J. Affiliation Not Assigned 53FR21550 00137 90/02/07, Docketing & Services Branch 1p 52727 275 52727 275

9003010278 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Recommends Murkowski amend & requests support of NUREG-0360  
\* Affiliation Not Assigned 53FR21550 00138 90/02/07, Docketing & Services Branch 1p 52727 276 52727 276

## 320 NONDOCKETED ITEMS

- 9003010280 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
\* Affiliation Not Assigned. 53FR21550 00135. 90/02/20. Docketing & Services Branch 1p 52727-277-52727-277.
- 9003010285 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Requests support of NUREG-0360  
FERNAR,M. Affiliation Not Assigned. 53FR21550 00133. 90/02/07. Docketing & Services Branch 1p 52727-278-52727-278
- 9003010287 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Comments replace 891129 submtl.  
TUCKER,H.B. Duke Power Co. 53FR21550 00164. 90/02/08. Docketing & Services Branch. 4pp 52727-278-52727-282.
- 9003010301 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (NUREG-0360) instead of IAEA stds.  
MASON,C. Affiliation Not Assigned. 53FR21550 00116. 90/02/07. Docketing & Services Branch 1p. 52721-355-52721-355.
- 9003010309 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski plan (NUREG-0360).  
RIGDON,K.G. Affiliation Not Assigned. 53FR21550 00115. 90/02/07. Docketing & Services Branch 1p. 52721-355-52721-356
- 9003010311 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) instead of IAEA stds.  
\* Affiliation Not Assigned. 53FR21550 00132. 90/02/07. Docketing & Services Branch 1p 52721-357-52721-357.
- 9003010312 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski plan (NUREG-0360).  
\* Affiliation Not Assigned. 53FR21550 00114. 90/02/07. Docketing & Services Branch. 1p 52721-358-52721-358
- 9003010316 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (NUREG-0360)  
STRANG,J. Affiliation Not Assigned. 53FR21550 00112. 90/02/07. Docketing & Services Branch 1p. 52721-359-52721-359.
- 9003010318 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) instead of IAEA stds.  
GARTRELL,K. Affiliation Not Assigned. 53FR21550 00125. 90/02/07. Docketing & Services Branch. 2pp 52721-360-52721-361.
- 9003010321 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
BURGAN,T. Affiliation Not Assigned. 53FR21550 00113. 90/02/07. Docketing & Services Branch 1p 52727-233-52727-233.
- 9003010326 Comment opposing proposed rule 10CFR71 re compatibility of Pu transport regulations w/IAEA stds.Author supports Murkowski amend (NUREG-0360)  
BREWSTER,GTON,J. Affiliation Not Assigned. 53FR21550 00160. 90/02/07. Docketing & Services Branch 1p. 52780-114-52780-114
- 9003010327 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on containers.  
SHAW,J. Affiliation Not Assigned. 53FR21550 00123. 90/02/06. Docketing & Services Branch 1p 52727-234-52727-234
- 9003010328 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend on NUREG-0360 re safer containers for transportation of Pu.  
WILCOX,H. Affiliation Not Assigned. 53FR21550 00157. 90/02/07. Docketing & Services Branch. 2pp. 52727-283-52727-284.
- 9003010331 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (NUREG-0360)  
DICKERSON,C. Affiliation Not Assigned. 53FR21550 00110. 90/02/08. Docketing & Services Branch 1p. 52727-235-52727-235.
- 9003010334 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (NUREG-0360).  
KILLWINE,C. Affiliation Not Assigned. 53FR21550 00111. 90/02/07. Docketing & Services Branch 1p. 52727-236-52727-236.
- 9003010337 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (NUREG-0360).  
\* Affiliation Not Assigned. 53FR21550 00109. 90/02/07. Docketing & Services Branch. 1p. 52727-237-52727-237.
- 9003010338 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Requests that NRC consider making safer containers for Pu if desired to fly over State of AK.  
MORRISON,T. Affiliation Not Assigned. 53FR21550 00124. 90/02/07. Docketing & Services Branch 1p. 52727-238-52727-238.
- 9003010340 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG-0360 re safer containers for transportation of Pu.  
SEXTON,T. Affiliation Not Assigned. 53FR21550 00158. 90/02/07. Docketing & Services Branch. 2pp. 52727-285-52727-286
- 9003010341 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Author supports Murkowski amend (NUREG-0360).  
ATKINS,A. Affiliation Not Assigned. 53FR21550 00161. 90/02/07. Docketing & Services Branch 1p. 52780-115-52780-115.
- 9003010344 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
MORGAN,L. Affiliation Not Assigned. 53FR21550 00108. 90/02/07. Docketing & Services Branch. 1p. 52727-238-52727-238.
- 9003010348 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski (NUREG-0360) stricter stds.  
SMITH Affiliation Not Assigned. 53FR21550 00126. 90/02/06. Docketing & Services Branch 2pp 52727-240-52727-241.
- 9003010347 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (NUREG-0360).  
KOZAK,N. Affiliation Not Assigned. 53FR21550 00107. 90/02/07. Docketing & Services Branch 1p. 52727-242-52727-242.
- 9003010350 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG-0360 re safer containers for transportation of Pu.  
SMITH,J. Affiliation Not Assigned. 53FR21550 00155. 90/02/08. Docketing & Services Branch 1p. 52727-287-52727-287.
- 9003010351 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on holding containers for Pu.  
DARLING,N. Affiliation Not Assigned. 53FR21550 00127. 90/02/07. Docketing & Services Branch 1p. 52727-243-52727-243
- 9003010360 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) instead of IAEA stds.  
MAHONEY,M. Affiliation Not Assigned. 53FR21550 00122. 90/02/07. Docketing & Services Branch 1p. 52727-244-52727-244
- 9003010368 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on Pu containers instead of IAEA stds.  
BERG,T. Affiliation Not Assigned. 53FR21550 00121. 90/02/07. Docketing & Services Branch 1p 52727-245-52727-245
- 9003010370 Comment supporting Murkowski amend (NUREG-0360) re proposed rule 10CFR71 on compatibility of Pu air transport regulations w/IAEA stds.  
FARRIS,T. Affiliation Not Assigned. 53FR21550 00106. 90/02/07. Docketing & Services Branch 1p 52727-246-52727-246
- 9003010380 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on Pu containers instead of IAEA stds.  
LITTLE,A. Affiliation Not Assigned. 53FR21550 00120. 90/02/07. Docketing & Services Branch 1p 52727-247-52727-247.
- 9003010384 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Author supports Murkowski amend (NUREG-0360).  
\* Affiliation Not Assigned. 53FR21550 00159. 90/02/03. Docketing & Services Branch 1p 52780-116-52780-116
- 9003010386 Comment supporting Murkowski amend (NUREG-0360) re proposed rule 10CFR71 on compatibility of Pu air transport regulations w/IAEA stds.  
SWINK,H. Affiliation Not Assigned. 53FR21550 00105. 90/02/07. Docketing & Services Branch 1p 52727-248-52727-248
- 9003010389 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on Pu containers instead of IAEA stds.  
MAHONEY,S. Affiliation Not Assigned. 53FR21550 00110. 90/02/07. Docketing & Services Branch 2pp. 52727-249-52727-250.
- 9003010393 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
RAY,M.J. Tennessee Valley Authority. 53FR21550 00102. 90/02/13. Docketing & Services Branch 3pp 52727-251-52727-253
- 9003010399 Comment supporting Murkowski amend (NUREG-0360) re proposed rule 10CFR71 on compatibility of Pu air transport regulations w/IAEA stds.  
PEPPER,D.J. Affiliation Not Assigned. 53FR21550 00104. 90/02/20. Docketing & Services Branch 1p 52727-254-52727-254
- 9003010400 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (NUREG-0360).  
MERSSID,A. Affiliation Not Assigned. 53FR21550 00154. 90/02/20. Docketing & Services Branch 1p. 52780-117-52780-117.
- 9003010401 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) instead of IAEA stds for stricter regulations on Pu containers.  
WILKERSON Affiliation Not Assigned. 53FR21550 00118. 90/02/07. Docketing & Services Branch 1p 52727-255-52727-255
- 9003010407 Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds.  
FAY,C.W. Wisconsin Electric Power Co. 53FR21550 00103. 90/02/12. Docketing & Services Branch. 7pp. 52727-256-52727-262.
- 9003010413 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (NUREG-0360).  
MILLER,J. Affiliation Not Assigned. 53FR21550 00151. 90/02/07. Docketing & Services Branch 1p. 52780-118-52780-118
- 9003010420 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG-0360 re more protective holder for Pu.  
RODRIGUEZ,J.M. Affiliation Not Assigned. 53FR21550 00156. 90/02/07. Docketing & Services Branch 1p. 52727-268-52727-268.
- 9003010421 Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (NUREG-0360).  
THORNE,E.L. Affiliation Not Assigned. 53FR21550 00152. 90/02/07. Docketing & Services Branch. 2pp. 52780-124-52780-125.

**9003010428** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (re) NUREG 0360) MEIWESE, K. Affiliation Not Assigned. 53FR21550 00149. 90/02/20. Docketing & Services Branch. 2pp. 52727.269-52727.280

**9003010430** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG 0360 re safer containers for transportation of Pu ASATO, B. Affiliation Not Assigned. 53FR21550 00153. 90/02/07. Docketing & Services Branch. 1p. 52727.289-52727.289

**9003010431** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) for stricter regulations on Pu containers LEE, C. Affiliation Not Assigned. 53FR21550 00117. 90/02/07. Docketing & Services Branch. 2pp. 52727.263-52727.264

**9003010433** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend (re) NUREG 0360) VAUGHN, T. Affiliation Not Assigned. 53FR21550 00150. 90/02/20. Docketing & Services Branch. 1p. 52780.121-52780.121

**9003010437** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG 0360 re safest means of transportation of Pu GREEN, S. Affiliation Not Assigned. 53FR21550 00144. 90/02/07. Docketing & Services Branch. 1p. 52727.290-52727.290

**9003010440** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Agrees w/Murkowski amend (re) NUREG 0360) CLAUNCH, L. Affiliation Not Assigned. 53FR21550 00148. 90/02/07. Docketing & Services Branch. 2pp. 52780.122-52780.123

**9003010441** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports NUREG 0360 for stricter regulations on Pu containers NEWBY, A. Affiliation Not Assigned. 53FR21550 00131. 90/02/07. Docketing & Services Branch. 1p. 52727.265-52727.265

**9003010444** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Senator Murkowski amend (NUREG-0360) instead of IAEA stds RAY, D. Affiliation Not Assigned. 53FR21550 00128. 90/02/07. Docketing & Services Branch. 3pp. 52727.266-52727.268

**9003010449** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG 0360 TAYLOR, R. Affiliation Not Assigned. 53FR21550 00147. 90/02/07. Docketing & Services Branch. 2pp. 52844.299-52844.344

**9003010450** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Senator Murkowski amend (NUREG 0360) should be considered DAY, J. Affiliation Not Assigned. 53FR21550 00130. 90/02/06. Docketing & Services Branch. 1p. 52727.269-52727.269

**9003010451** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG 0360 re protective containers for transportation of Pu SMITH, J. Affiliation Not Assigned. 53FR21550 00143. 90/02/07. Docketing & Services Branch. 1p. 52727.203-52727.203

**9003010457** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Senator Murkowski amend to NUREG 0360 requires safer containers for Pu. Affiliation Not Assigned. 53FR21550 00146. 90/02/06. Docketing & Services Branch. 1p. 52727.294-52727.294

**9003010464** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG 0360 KOLEFOK, D. Affiliation Not Assigned. 53FR21550 00145. 90/02/07. Docketing & Services Branch. 1p. 52727.205-52727.205

**9003010467** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG 0360 re better containers for transportation of Pu WILKERSON, B. Affiliation Not Assigned. 53FR21550 00142. 90/02/07. Docketing & Services Branch. 1p. 52727.298-52727.298

**9003010468** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Murkowski amend (NUREG 0360) for stricter Pu containers should be reconsidered FENNER, P. Affiliation Not Assigned. 53FR21550 00128. 90/02/07. Docketing & Services Branch. 2pp. 52727.270-52727.271

**9003010474** Comment on proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Author suggested that Murkowski amend to NUREG 0360 should be considered DEASON, T. Affiliation Not Assigned. 53FR21550 00162. 90/02/07. Docketing & Services Branch. 2pp. 52727.208-52727.209

**9003010480** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Supports Murkowski amend to NUREG 0360 re safer containers for transportation of Pu LAND, D. Affiliation Not Assigned. 53FR21550 00141. 90/02/07. Docketing & Services Branch. 1p. 52727.207-52727.207

**9003050336** Comment opposing proposed rule 10CFR71 re compatibility of Pu air transport regulations w/IAEA stds Murkowski amend for stricter regulations on containers supported Affiliation Not Assigned. 53FR21550 00134. 90/02/07. Docketing & Services Branch. 2pp. 52828.293-52828.294

**9003080283** Submits regulatory history package AD52-2 addressing 10CFR73.57 re fingerprint card fee rule changes MANILL, R. B. Reactor Safeguards Branch. AD52-2.1. 90/03/05. Document Control Branch (Document Control Desk). 1p. 52838.284-52838.290

**9003080269** Informs that complete index should be forwarded to Regulatory Publications Branch by 900330 for proposed rule re increase in fee for processing fingerprint cards associated w/granting unescorted access to reactor site LESAR, M. T. Regulatory Publications Branch. AD52-2.2. 90/01/31. MANILL, R. B. Office of Nuclear Reactor Regulation, Director (Post 870411). 5pp. 52838.285-52838.289

**9003080276** Requests that NRR & RES initiate immediate action to complete rulemaking action on 10CFR73.57 re fee increase for processing fingerprint cards by 900301. 90/01/31. Division of Security (Post 890205). AD52-2.3. 89/12/13. GRIMES, B. K. Division of Reactor Inspection & Safeguards (Post 870411). 1p. 52838.290-52838.290

**9003120156** Forwards regulatory history for proposed amend to 10CFR50.61, "Fracture Toughness Requirements for Protection Against PTS Events," published in FR on 9/01/28. RANDALL, P. N. Division of Engineering (Post 870413). AD01-1.01. 90/03/08. LESAR, M. T. Regulatory Publications Branch. 2pp. 52914.079-52915.111.

**9003120362** Advises that background for making recent change in load responsibility for contemplated PTS rule should be documented Reasons for rule change listed WOODS, R. Reactor & Plant Safety Issues Branch. AD01-1.05. 87/08/26. SERPAN, C. E. Materials Engineering Branch. 2pp. 52914.107-52914.108

**9003150137** Comments on proposed amend to 10CFR50.61 re PTS rule. Proposal requires additional work prior to formalization TREBY, S. A. Assistant General Counsel for Rulemaking & Fuel Cycle. AD01-1.10. 88/07/05. RANDALL, P. N. Division of Engineering (Post 870413). 2pp. 52914.129-52914.142

**9003150138** Requests review of final draft rule change to 10CFR50.61 re PTS BOSNAK, R. J. Division of Engineering (Post 870413). AD01-1.08. 88/06/02. SHAO, L. C. Division of Engineering & Systems Technology (870411-890826). 12pp. 52914.145-52914.126

**9003150340** Responds to 880602 memo re review of proposed amend to PTS rule (10CFR50.61) No comments offered SHAO, L. C. Division of Engineering & Systems Technology (870411-890826). AD01-1.11. 88/07/12. BOSNAK, R. J. Division of Engineering (Post 870413). 3pp. 52914.143-52914.145

**9005030234** Informs of review & concurrence in technical content of CRGR package transmitted by 890221 memo from B. Bosnak. GILLESPIE, F. P. Program Management, Policy Development & Analysis Staff (Post 870411). AD01-1.17. 89/04/25. BECKJORD, S. Office of Nuclear Regulatory Research (Post 860720). 1p. 52914.281-52914.261

**9005030236** Advises of revised CRGR package for proposed amend to PTS rule to comply w/agreements reached at 890202 meeting re treatment of backfitting that is given in regulatory analysis BOSNAK, R. J. Division of Engineering (Post 870413). AD01-1.15. 89/02/21. GILLESPIE, F. P. Program Management, Policy Development & Analysis Staff (Post 870411). TREBY, S. A. Office of the General Counsel (Post 860701). KNIEL, K. Reactor & Plant Safety Issues Branch. 51pp. 52914.206-52914.250.

**9003120176** Discusses fracture toughness requirements for protection against PTS events & requests that completed index for proposed rule that would amend regulations for LWBs be forwarded by 900305 LESAR, M. T. Regulatory Publications Branch. AD01-1.02. 90/01/04. RANDALL, P. N. Division of Engineering (Post 870413). 2pp. 52914.081-52914.106.

**9003120222** Informs of progress in resolving inconsistency in formulas for calculating extent of radiation embrittlement given in PTS & Rev 2 to Reg Guide 1.09 & requests approval for initiation of rulemaking to amend PTS rule BECKJORD, S. Office of Nuclear Regulatory Research (Post 860720). AD01-1.06. 89/02/02. STELLOV, O. Office of the Executive Director for Operations. 5pp. 52914.109-52914.113.

**9003120231** Approves initiation of rulemaking to amend PTS rule, 10CFR50.61, per 880202 request. STELLOV, O. Office of the Executive Director for Operations. AD01-1.07. 88/02/17. BECKJORD, S. Office of Nuclear Regulatory Research (Post 860720). 1p. 52914.114-52914.114.

**9003120271** Responds to 880802 memo requesting comments on proposed amend to PTS rule, 10CFR50.61 & advises that comments concern proposed mod to rule & do not address portions of rule that remain unchanged. KNIEL, K. Reactor & Plant Safety Issues Branch. AD01-1.09. 88/06/30. BOSNAK, R. J. Division of Engineering (Post 870413). 2pp. 52914.127-52914.128.

**9003120306** Forwards proposed amend to PTS rule for review & concurrence. BOSNAK, R. J. Division of Engineering (Post 870413). AD01-1.12. 88/12/16. GILLESPIE, F. P. Program Management, Policy Development & Analysis Staff (Post 870411). TREBY, S. A. Office of the General Counsel (Post 860701). KNIEL, K. Reactor & Plant Safety Issues Branch. 53pp. 52914.148-52914.201.

**9003120339** Discusses review of regulatory analysis for proposed amend of PTS rule, 10CFR50.61, "Fracture Toughness Requirements for Protection Against PTS Events" LAHS, W. R. Regulation Development Branch. AD01-1.13. 88/12/30. SERPAN, C. E. Materials Engineering Branch. 3pp. 52914.202-52914.204.

**9003120360** Advises that public response not required since proposed amend only changes formula for calculating level of radiation embrittlement in reactor vessel bol-lins INGRAM, F. Public Affairs. AD01-1.14. 89/01/10. BOSNAK, R. J. Division of Engineering (Post 870413). 1p. 52914.205-52914.205.

**9003120390** Responds to 890221 memo to F. Gillespie, S. Treby & K. Kniel re revised CRGR package for proposed amend to PTS rule & advises that public response not required. INGRAM, F. Public Affairs. AD01-1.16. 89/02/23. BOSNAK, R. J. Division of Engineering (Post 870413). 1p. 52914.260-52914.260.

-9003210025 Forwards proposed amend to PTS rule "Fracture Toughness Requirements for Protection Against PTS Events." 10CFR50.61 & supporting documents Amend needed to update formula for calculating level of radiation embrittlement.  
BECKJORD.E.S. Office of Nuclear Regulatory Research (Post 860720). AD01-1 18 89/05/09. JORDAN.E.L. Committee to Review Generic Requirements 4520 52914 262 52914 309

-9003210042 Forwards proposed amends to 10CFR50.61, "Fracture Toughness Requirements for Protection Against PTS Events." Amends update formula given in PTS rule for calculating level of radiation embrittlement in reactor vessel bellows.  
BECKJORD.E.S. Office of Nuclear Regulatory Research (Post 860720). AD01-1 19 89/07/25. STELOV.O. Office of the Executive Director for Operations 3pp. 52914 310 52915 031

-9003210046 Forwards supporting statement for OMB clearance for proposed amend to PTS rule 10CFR50.61  
SERPAN,C.Z. Materials Engineering Branch. AD01-1 21 89/09/11. SHELTON,R.J. Records & Reports Management Branch (850205-890826). 14pp. 52915 032 52915 046

-90032100472 Forwards proposed amends to 10CFR50.61, "Fracture Toughness Requirements for Protection Against PTS Events."  
BECKJORD.E.S. Office of Nuclear Regulatory Research (Post 860720). AD01-1 22 89/11/28. TAYLOR,J.M. Office of the Executive Director for Operations 3pp. 52915 047-52915 111

9003210011 Comment on rev to proposed rule 110 re NRC regulations for import & export of radwastes. Proposes total ban on all exports of radioactive materials of US origin & total ban on import of all radioactive materials of foreign origin.  
VALLETTE,J. Greenpeace International. GREENSPOON,P. Greenpeace USA. 55FR4181 00006 90/03/09. Docketing & Services Branch 6pp. 53082 142-53082 147

9003210015 Comment on proposed rule 110 re NRC regulations for import & export of radwastes. NRC should issue guidelines to states concerning exempt quantities of naturally occurring accelerator produced materials.  
FOLDESILL,P. Virginia, Commonwealth of. FOLDESILL,P. Affiliation Not Assigned. 55FR4181 00005 90/03/06. Docketing & Services Branch. 1p. 53082 148-53082 148

9003210017 Comment opposing proposed rule 10CFR50.61, "Fracture toughness requirements for Protection Against PTS Events."  
LEVINS,M.I. Affiliation Not Assigned. 54FR52946 00001. 90/02/19. Office of the Secretary of the Commission. 1p. 53082 149-53082 149.

9003210020 Comment on proposed rule 110 re NRC regulation for import & export of radwastes. NRC should engage in importing & exporting of radioactive materials only insofar as activity is added to human well-being at home & abroad.  
GREENBERG,J. New England Coalition on Nuclear Pollution. GREENBERG,J. Affiliation Not Assigned. 55FR4181 00004. 90/02/27. Docketing & Services Branch 6pp. 53082 150-53082 155

9003210028 Comment on proposed rule 110 re NRC regulations for import & export of radwastes. Requests 45-day extension of 900303 deadline & advises that factors bearing in connection with arrangements involving movement of radwaste be considered.  
HARMON,L.H. Energy, Dept. of. 55FR4181 00003. 90/03/05. Office of the Secretary of the Commission. 1p. 53082 156-53082 156.

9003210030 Comment on proposed rule 10CFR50.61, "Fracture Toughness Requirements for Protection Against PTS Events." Supports rule w/reservations expressed in encl.  
COLVIN,J.F. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Managers. 54FR52946 00002. 90/03/05. CHILK,S.J. Office of the Secretary of the Commission. 9pp. 53082 157-53082 165.

9003210040 Comment on proposed rule 10CFR50.61, "Fracture Toughness requirement for Protection Against PTS Events." Supports NUMARC 900305 comments.  
HAIRSTON,W.G. Georgia Power Co. 54FR52946 00004. 90/03/12. CHILK,S.J. Office of the Secretary of the Commission. 1p. 53082 166-53082 166.

9003210043 Comment on proposed rule 110 re NRC regulations for import & export of radwastes. Believes care should be taken in application of import/export controls so as to exempt materials imported or exported for reuse to originating country.  
MALODU,C.W. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.). 55FR4181 00013. 90/03/06. Docketing & Services Branch. 3pp. 53082 167-53082 169.

9003210057 Comment on proposed rule 110 re NRC regulations for import & export of radwastes. Urges Commission to reject proposals to permit or encourage either import or export of radwastes.  
JOHNSRUD,J.H. Environmental Coalition on Nuclear Power. 55FR4181 00012. 90/03/06. Docketing & Services Branch. 11pp. 53082 170-53082 180.

9003210088 Comment on proposed rule 10CFR50.61, "Fracture Toughness requirements for Protection Against PTS Events." Supports NUMARC 900305 comments.  
HAIRSTON,W.G. Alabama Power Co. 54FR52946 00005. 90/03/12. CHILK,S.J. Office of the Secretary of the Commission. 1p. 53082 181-53082 181.

9003210071 Comment opposing proposed rule 10CFR35, "Basic QA Program, Records & Repts of Misadministrations or Events re Medical Use of Byproduct Mat." Proposed change would certainly be of no benefit to public & definite harm to public welfare.  
WINN,R.S. Reading Hosp. & Medical Center Reading,PA. WINN,R.S. Affiliation Not Assigned. 55FR1439 00005. 90/03/08. Regulatory Publications Branch. 1p. 53082 182-53082 182.

9003210077 Comment on proposed rule 10CFR170, "Rev of Fee Schedules: Radioisotope Licenses & Topical Repts." More required training of personnel & more field insps by governing agencies will solve problem.  
GIBSON,H.W. H & G Inspection Co., Inc. 54FR49763 00030. 90/02/21. Docketing & Services Branch. 2pp. 53082 183-53082 184.

9003210080 Comment opposing proposed rule 10CFR35, "Basic QA Program, Records & Repts of Misadministrations or Events re Medical Use of Byproduct Mat." Suggests NRC focus on whether sys could in fact avoid errors resulting in therapeutic doses.  
BROWN,M.L. Mayo Clinic, Rochester, MN. BROWN,M.L. Affiliation Not Assigned. 55FR1439 00004. 90/02/26. Docketing & Services Branch. 4pp. 53082 185-53082 188.

9003210083 Comment supporting proposed rule 10CFR71 re compatibility of Pu transport regulations w/IAEA stds. Requests two month's extension to comment period.  
HARMON,L.H. Energy, Dept. of. 53FR21550 00165. 90/02/21. Docketing & Services Branch 6pp. 53082 189-53082 194.

9003210099 Comment opposing proposed rule 10CFR35, "Basic QA Program, Records & Repts of Misadministrations or Events re Medical Use of Byproduct Mat." Advises that restrictive statements that only provide citation on mat should be addressed.  
REED,S.A. St. Elizabeth Hosp., Appleton, WI. REED,S.A. Affiliation Not Assigned. 55FR1439 00003. 90/02/14. Docketing & Services Branch 2pp. 53082 195-53082 196.

9003210100 Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers. NRC program offers no direct benefit to util & would only increase costs involved in maintaining radiography program.  
ADAMS,K.E. Georgia Power Co. 54FR47089 00051. 90/02/28. CHILK,S.J. Office of the Secretary of the Commission. 2pp. 53082 197-53082 198.

9003210120 Comment on proposed rule 10CFR34 re ASNT certification of industrial radiographers. Requests written exam criteria, special definitions used in std & reflecting requirements.  
FLATERO,D. Iowa, State of. 54FR47089 00049. 90/01/12. KAMMERER,C. State, Local & Indian Tribes Programs (870413-900111). 2pp. 53082 199-53082 200.

9003210121 Comment opposing proposed rule 10CFR35, "Basic QA Program, Records & Repts of Misadministrations or Events re Medical Use of Byproduct Mat." Recommends that NRC meet w/ & monitor efforts by various radiological bodies to promote QA.  
LOGIE,M.B. Scott Radiological Group, Inc., St. Louis, MO. LOGIE,M.B. Affiliation Not Assigned. 55FR1439 00002. 90/01/31. Docketing & Services Branch. 2pp. 53082 201-53082 202.

9003210128 Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers. Rule change will not significantly improve radiation safety & could drive many small companies out of business.  
MORGAN,W.E. Belling Co. 54FR47089 00050. 90/02/05. Docketing & Services Branch. 1p. 53082 203-53082 203.

9003210138 Comment on proposed rule 10CFR50.61, "Fracture Toughness for Protection Against PTS Events." Proposed change in PTS rule forces use of special measuring tool when available.  
STERLING,E.C. Combustion Engineering, Inc. 54FR52946 00006. 90/02/27. CHILK,S.J. Office of the Secretary of the Commission. 4pp. 53082 204-53082 207.

9003210144 Comments on proposed rule 10CFR110 re import & export of radwastes. Import & export of radwastes should be minimized w/exceptions to policy only when absolutely necessary to achieve protection of public health & safety & environment.  
HIATT,S.L. Ohio Citizens for Responsible Energy. 55FR4181 00002. 90/02/26. NRC. No Detailed Affiliation Given. 5pp. 53082 208-53082 212.

9003210152 Comments on proposed rule 10CFR110 re import & export of radwastes. No low level radwaste may be imported or exported into compact region for disposal at regional facility w/o authorizations as provided by law.  
DORNSIFE,W.P. Pennsylvania, Commonwealth of. 55FR4181 00001. 90/02/21. Office of the Secretary of the Commission. 2pp. 53082 213-53082 214.

9003210164 Comment on proposed rule 10CFR50.61, "Fracture Toughness for Protection Against PTS Events." Believes that Reg Guide 1.99, Rev 2 formulation generally works well to predict effects of neutron damage on carry capacity 30 ft lb shift.  
ACOSTA,R.J. Florida Power & Light Co. 54FR52946 00007. 90/03/09. CHILK,S.J. Office of the Secretary of the Commission. 1p. 53082 215-53082 215.

9003210187 Comment on proposed rule 48CFR20 re NRC acquisition regulation. Requests that Commission delay publication of final rule pending resolution of OMB comments.  
BAKER,D.F. Office of Management & Budget. 54FR40420 00002. 90/03/01. CHILK,S.J. Office of the Secretary of the Commission. 21pp. 53082 216-53082 230.

9003210192 Comments on proposed rule 10CFR110 re import & export of radwastes. Supports NRC changes to improve control over radwaste that NRC does not now adequately regulate, but opposes proposals to expand import & export of radwaste.  
Sieria Club. 55FR4181 00010. 90/03/08. Office of the Secretary of the Commission. 1p. 53082 237-53082 237.

9003210199 Comment opposing proposed rule 10CFR110 re NRC plans to import & export radwaste.  
ZELINSKY,G. Central Pennsylvania Citizens for Survival. ZELINSKY,G. Affiliation Not Assigned. 55FR4181 00009. 90/03/06. Docketing & Services Branch. 1p. 53082 238-53082 238.

9003210218 Comment on proposed rule 10CFR110 re import & export of radwaste. Agrees w/NRC determination that greater control & accountability over import & export of radwaste needs to be established.  
WEISS,J.P. Citizens Against Radioactive Dumping. 55FR4181 00008. 90/03/06. NRC. No Detailed Affiliation Given. 2pp. 53082 239-53082 240.

9003210246 Comment opposing proposed rule 10CFR110 re import & export of foreign radwastes.  
COCHEO,J. Don't Waste New York. 55FR4181 00007. 90/03/09. Docketing & Services Branch. 1p. 53082 241-53082 241.

9003210259 Comments on proposed rule 10CFR110 re import & export of radwastes. Adopts policy identical to Option 4: banning all interregional imports & exports except those per agreements negotiated w/other states or compact commissions.  
BULLARD,C.W. Central Midwest Interstate Low-Level Radioactive Waste Commission (formerly Cent. 55FR4181 00011. 90/03/08. Docketing & Services Branch. 2pp. 53082 242-53082 243.

9003210287 Comment opposing proposed rule 10CFR34 re ASNT certification of industrial radiographers. JJ Munro 900131 re opposing proposed rule encl.  
BIRDSONG,R.W. Amoco Oil Co. 54FR47089 00049. 90/02/12. Office of the Secretary of the Commission. 1p. 53082 244-53082 248.

9003210320 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." NRC desires to better estimate rate of entitlement in proposed rule should be supported.  
RICCIO, J.P. Nuclear Information & Resource Service. 54FR52946 00303. 90/03/12 Docketing & Services Branch. 11pp. 53082-249-53082-259

9003220249 Comment on proposed rule 10CFR35, "Basic QA Program, Records & Reports of Misadministrations or Events in Medical Use of Byproduct Material." Regulations much too prescriptive.  
REINHARTZ, S.J. Greenville House System. Greenville, SC. REINHARTZ, S.J. Affiliation Not Assigned. 55FR1439 02067. 10/03/00 Docketing & Services Branch. 1p. 53086-183-53086-185

9003220255 Comment opposing proposed rule 10CFR110 re import & export of radioactive American sys set up to monitor domestic waste at low level waste sites & geologic repositories.  
LEWIS, M.L. Lewis M. 55FR4161 00014. 90/03/14 Docketing & Services Branch. 1p. 53086-184-53086-185

9003220279 Comment on proposed rule 10CFR35, "Basic QA Program, Records & Reports of Misadministrations or Events in Medical Use of Byproduct Material."  
CARROLL, M.L. Radiation Protection Services, Inc. 55FR11435 00065. 90/03/10 Docketing & Services Branch. 1p. 53086-185-53086-187

9003220286 Comment opposing proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events."  
FAY, C.W. Western Electric Power Co. 54FR52946 00317. 90/03/12 CHILK, S.J. Office of the Secretary of the Commission. 3pp. 53086-188-53086-190

9003220293 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." PTS rule should consider some means to minimize changes resulting from change in single parameter.  
JOHNSON, W.J. Westinghouse Electric Corp. 54FR52946 50034. 90/03/01 Docketing & Services Branch. 2pp. 53086-191-53086-221

9003220295 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." One endorses comments submitted by NUMARC & NUBARG.  
TUCKER, H.B. Duke Power Co. 54FR52946 00010. 90/03/12 Docketing & Services Branch. 1p. 53086-222-53086-222

9003220316 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." Agrees w/ NUMARC comments.  
HAINSTON, W.G. Alabama Power Co. 54FR52946 03011. 90/03/12 CHILK, S.J. Office of the Secretary of the Commission. 1p. 53086-223-53086-223

9003220318 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." Agrees w/ NUMARC comments.  
HAINSTON, W.G. Georgia Power Co. 54FR52946 03012. 90/03/12 CHILK, S.J. Office of the Secretary of the Commission. 1p. 53086-224-53086-224

9003220321 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against Thermal Shock Events." Recommendations that use of credible surveillance data be allowed to establish constant calculational method w/ reg guide.  
GATES, W.G. Omaha Public Power District. 54FR52946 00013. 90/03/12 Docketing & Services Branch. 2pp. 53086-225-53086-226

9003220323 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." Any utilization of NRC proposed application of Reg Guide 1.99, Rev 2, would be inappropriate w/o re-evaluation by NRC.  
BRAM, S.B. Consolidated Edison Co. of New York, Inc. 54FR52946 00016. 90/03/03 Docketing & Services Branch. 2pp. 53086-227-53086-228

9003230012 Responds to 900301 ltr that forwarded M. Budch ltr to NRC Fitness-for-Duty rule & subjective manipulation of nuclear plant work force & advises that NRC employees covered by NRC program developed to achieve drug-free work place.  
TAYLOR, J.M. Dir. of the Executive Director for Operations. 90/03/19. BULEY, T.J. House of Rep. 6pp. 53138-340-53138-366

9003230160 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." Issue of not allowing use of irradiation surveillance data in determining PTS should be addressed.  
SHIFFER, J.D. Pacific Gas & Electric Co. 54FR52946 00014. 90/03/09. CHILK, S.J. Office of the Secretary of the Commission. 3pp. 53089-217-53089-219

9003230165 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." NRC should not invoke "adequate protection" exception of backfitting rule.  
REYNOLDS, M.B. Bishop, Cook, Purcell & Reynolds. REYNOLDS, N.S. Nuclear Utility Backfitting & Reform Group. 54FR52946 00008. 90/03/12. CHILK, S.J. Office of the Secretary of the Commission. 6pp. 53089-211-53089-216

9003230189 Comment on proposed rule 10CFR60, "Fracture Toughness Requirements for Protection Against PTS Events." Util endorses NUMARC & NUBARG comments.  
SHELTON, D.C. Toledo Edison Co. 54FR52946 00015. 90/03/12. Docketing & Services Branch. 1p. 53089-210-53089-210

9003260047 Forwards documents for regulatory history package (AC85-1) re proposed rule 10CFR35, "Basic QA Program, Records & Reports of Misadministrations & Events in Medical Use of Byproduct Material."  
TSEA, A. Regulation Development Branch. AC85-1 088. 90/03/19. HUYER, D. Document Control Branch (Document Control Desk). 16pp. 53146-162-53146-235

9003280081 Forwards proposed amends to 10CFR35, "Medical Use of Byproduct Material." that would require medical use licensees to implement basic QA program Draft Reg Guide DG-8001, "Basic QA Program for Medical Use," also encl.  
MORRIS, B.M. Division of Regulatory Applications (Post 870413). AC85-1 087. 90/01/18. Affiliation Not Assigned. 57pp. 53146-179-53146-235

PROJ PROJECTS - PREDOCKET LICENSING

9002260128 Requests response to NRC 880831 ltr or withdrawal of C-E topical SAR for dry cask request for ISFSI by 900330 & advises that if response not received, NRC will

9002260118 Forwards responses to NRC comments of Sept 1989 on Pacific Sierra Nuclear Assoc topical SAR for ventilated storage cask sys & Rev 1 to "Topical SAR for Ventilated Storage Cask Sys."  
MASSEY, J.V. Pacific Sierra Nuclear Associates. PSN-90-023. 90/02/16. ROBERTS, J.P. Document Control Branch (Document Control Desk). 94pp. 52776-204-52776-194

9002260131 PSN-89-031 R01 Rev 1 to "Topical SAR for Ventilated Storage Cask Sys."  
MASSEY, J.V. NUNEZ, J.S., CHECHIELNITSKY. Pacific Sierra Nuclear Associates. PSN-89-031. 90/02/20. 251pp. 52776-206-52776-194

9002260267 Forwards photographs of damage to transfer cask incurred when transport ship encountered severe storm during trip from Europe to US. Damage primarily limited to nuclear shoc.  
MCCONAGHY, W.J. Pacific Nuclear Systems, Inc. WJN-90-020. 90/02/23. ROBERTS, J.P. Fuel Cycle Safety Branch. 5pp. 52776-124-52776-129

9002260273 Advises that request to withhold portions of 900224 submittals from public disclosure is denied.  
CUNNINGHAM, R.H. Division of Industrial & Medical Nuclear Safety (Post 870729). 90/02/27. MASSEY, J.V. Pacific Sierra Nuclear Associates. 4pp. 52760-335-52760-336

9002260299 Forwards "Han Hop Integrated Radwaste Treatment Sys Campaign 14, 891113-1215."  
YEAZEL, J.A. Energy Dept. of. 90/02/16. HUNTER, D. NRC - No Detailed Affiliation Given. 1p. 52761-132-52761-151

9002260300 "Han Hop Integrated Radwaste Treatment Sys Campaign 14, 891113-1215."  
REEVES, S.R., ROBBINS, G.J. Energy, Dept. of. 90/01/17. 19pp. 52761-133-52761-151

9002260305 Forwards for info staff rept of 900202 meeting re monitoring retrievable storage facility w/o encl.  
HAUGHNEY, C.J. Fuel Cycle Safety Branch. 90/02/26. STEIN, R. Energy, Dept. of. 1p. 52785-293-52785-293

9003010425 Discusses design of & forwards Rev 0 to 75-31100-151-001 "CANDU Fuel Channel Technology."  
SHIFFLETT, D.R. AECL, Inc. 90/02/07. PERSINKO, D. Office of Nuclear Reactor Regulation, Director (Post 870411). 3pp. 52786-033-52786-060

9003010429 75-31100-151-001 R01 Rev 0 to 75-31100-151-001, "CANDU Fuel Channel Technology."  
PRICE, E.G. BONECHI, M., AZEEZ, S. AECL, Inc. 90/02/03. 25pp. 52786-036-52786-059

9003010481 Requests withdrawal of topical SAR for 31-assembly NAC-S/T storage cask & that proprietary vols of application be destroyed. Current market for cask storage does not warrant licensing at present time.  
WELLS, A.H. Nuclear Assurance Corp. AHW/90/02/EDS. 90/02/28. ROBERTS, J.P. NRC - No Detailed Affiliation Given. 1p. 52771-267-52771-267

9003010488 Forwards for review & concurrence, test procedure for berated stainless steel proposed for use in CASTOR X basket, per 900111 & 23 telcons. Two aspects of testing program re tensile & ductility testings discussed.  
WITT, V.R. Chem-Nuclear Systems, Inc. 811-0072-90. 90/02/28. ROBERTS, J.P. Fuel Cycle Safety Branch. 9pp. 52781-110-52781-127

9003020281 Forwards info re planned licensing activities, per 900122 request.  
ARNOLD, W.H. Louisiana Energy Services. 90/02/02. FUNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413). 2pp. 52789-176-52789-177

9003050180 Advises that meeting rescheduled for 900308 w/DOE to discuss MHTGR activities final agenda encl.  
WILLIAMS, P.M. Advanced Reactor & Generic Issues Branch. 90/02/27. WILSON, J.N. Advanced Reactor & Generic Issues Branch. 3pp. 52836-332-52836-334

9003060098 Forwards milestones & std format for site closure documents for West Valley D, special Plant. Format will help expedite review & meet agreed to milestone.  
PITTLGLIO, C.L. Regulatory Branch. 90/02/23. SURMEIER, J.J. Technical Branch. 3pp. 52848-015-52848-017

9003070041 Responds to 891226 ltr expressing concerns re progress of NRC review of EPRI advanced LWR requirements document. Staff has decided that greater priority should be given to review of EPRI requirements for passive plant designs.  
CARR, K.M. Commissioners. 90/02/27. KINTNER, E.E. ALWR Utility Steering Committee. 5pp. 52889-121-52889-127

9003070072 Recommends that NRC staff be authorized to prepare & transmit draft SERs on requirements document chapters based on previously established agreements for 8-9 month review schedule.  
KINTNER, E.E. ALWR Utility Steering Committee. 89/12/26. CARR, K. Commissioners. 2pp. 52889-126-52889-127

9003080103 Forwards updated Rev 0 to "ALWR Requirements Document Vol II Utility Requirements for Evolutionary Plants, App A to Chapter 1, PRA Key Assumptions & Groundrules." Document released in order to submit Section 3.2.2, "Earthquake" for NRC review.  
KINTNER, E.E. General Public Utilities Corp. - GPU Service Corp. 90/02/22. Document Control Branch (Document Control Desk). 2pp. 52923-170-52924-023

9003080114 "ALWR Requirements Document Vol II Utility Requirements for Evolutionary Plants, App A to Chapter 1 PRA Key Assumptions & Groundrules."  
Electric Power Research Institute. 90/02/28. 212pp. 52923-172-52924-023

9003120743 Forwards two West Valley Demonstration Project technical reports dealing w/NRC licensed disposal area, describing waste solvent tank removal & characterization

9003130352 Forwards draft SER discussing status of review of Chapter 5 of advanced LWR requirements document including severe accident prevention/mitigation/hydrogen generation & control, source term issues & station blackout W/C end MILLER, C.L. Standardization & Life Extension Project Directorate (891001-900602) 90/02/28 KYTNER, E.E. ACFS - Advisory Committee on Reactor Safeguards 3pp 52392 256-52592 358

9003130523 Forwards trip repts describing visits to West Valley Demonstration Project in Jan & Feb 1990. HURT, R.D. Fuel Cycle Safety Branch 90/03/08. BIXBY, W.W. Energy, Dept. of 1p 53015 091-53015 016.

9003130714 Trip report of 900123-25 & 0213 visit to West Valley Demonstration Project to discuss progress in high level waste processing & vitrification & to examine interconnection branch DOE is installing near NRC licensed disposal area. HURT, R.D. Division of Industrial & Medical Nuclear Safety (Post 870729) 90/03/05. HAUGHNEY, C.J. Fuel Cycle Safety Branch 3pp 53014 231-53014 233

9003140324 Forwards draft SER re Chapter 5 of advanced LWR requirements document. Key issues discussed include EPRI advanced LWR public safety goal severe accident prevention/mitigation, hydrogen generation & control & station blackout. MILLER, C.L. Division of Reactor Projects - III, IV, V & Special Projects (Post 870411) 90/02/28 KYTNER, E.E. ALWR Utility Steering Committee KINTNER, E.E. General Public Utilities Corp. - GPU Service Corp. 3pp 53029 139-53029 256

-9003140330 Draft SER on Chapter 5 of advanced LWR requirements document \* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/28 115pp 53029-142-53029 256

9003160233 Responds to 900228 request for withdrawal of SAR for 31- assembly NAC. S/T storage cask Staff review of submittal closed & proprietary not destroyed. ROBERTS, J.P. Fuel Cycle Safety Branch 90/03/13. WELLS, A.H. Nuclear Assurance Corp. 1p 53036 222-53036 222

9003190386 Notification of 900320 meeting w/EPRI in Palo Alto, CA to discuss EPRI requirements document for advanced LWRs Agenda encl. KENTON, T.J. Standardization & Life Extension Project Directorate (891001-900602) 90/03/02 MILLER, C.L. Standardization & Life Extension Project Directorate (891001-900602) 3pp 53067-326-53067 330

9003210159 Forwards proprietary & nonproprietary Rev 2 to "Topical SAR for Caslor X Cask" & responses & questions re Rev 0 & 1. WITT, C.R. General Nuclear Systems, Inc 611-0132-90 90/03/19 ROBERTS, J.P. Fuel Cycle Safety Branch 53pp 53097 212-53098 138

-9003210167 Rev 2 to "Topical SAR for Caslor X Cask" \* General Nuclear Systems, Inc 90/03/31 235pp 53097 264-53098 139

9003210177 Forwards review findings & discussion on issue needing resolution from ventilated storage cask topical report re concrete temp limits of ventilated concrete cask per Feb 1990 responses to NRC comments on report. ROBERTS, J.P. Fuel Cycle Safety Branch 90/03/19. MASSEY, J.V. Pacific Sierra Nuclear Associates 5pp 53104 207-53104 211

9003210188 Forwards NUH-001, Rev 2, "Topical Report for NUTECH Horizontal Modular Storage Sys for Irradiated Nuclear Fuel" Encl with ref 10CFR2.90 MCCONAGHY, W.J. Pacific Nuclear Systems, Inc WJM-90-026 90/03/18 ROBERTS, J.P. Fuel Cycle Safety Branch 4pp 53112 033-53112 036

9003210212 Forwards trip report of NRC 891031 & 1101 visit to West Valley Demonstration Project. HURT, R.D. Fuel Cycle Safety Branch 90/03/18 BIXBY, W.W. Energy, Dept. of 1p 53112 170-53112 180

9003210256 Forwards "Integrated Radwaste Treatment Sys Campaign 15, 900115 0216 Run Repl." Campaign processed cumulative total of 380,489 gallons containing 3,703,000 Ci removed from Tank 8D-2 YEAZEL, J.A. Energy, Dept. of Idaho Operations Office 90/03/14 HURT, R.D. NRC - No Detained Affiliation Given 1p 53098 170-53098 180

-9003210260 "Integrated Radioactive Waste Treatment Sys Campaign 15, 900115-900216 Run Repl." BAKER, M.N., NASOL, A.L., ROBBINS, G.J. Energy, Dept. of 90/03/07 20pp 53088 171-53088 190

9003210264 Forwards draft Waste Valley Demonstration Project "Interim Rept on Properties of Solidified Porex Decontaminated Supernatant," providing characterization data on low level cement waste from integrated radwaste treatment sys. MAESTAS, E. Energy, Dept. of Idaho Operations Office 90/03/09 TOKAR, M. NRC - No Detained Affiliation Given 1p 53120-177-53120 217

-9003210265 Draft Waste Valley Demonstration Project "Interim Rept on Properties of Solidified Porex Decontaminated Supernatant." Cwynar, J.C., GESSNER, R.F., VALENTI, P.J. Energy, Dept. of 90/02/23 35pp 53120 179-53120 217

9003230200 Forwards nonproprietary Vol 1 of Rev 2 to "Topical Report for NUTECH Horizontal Modular Storage Sys for Irradiated Nuclear Fuels, NUHOMS-24P." MCCONAGHY, W.J. Pacific Nuclear Systems, Inc WJM-90-027 90/03/16 ROBERTS, J.P. Fuel Cycle Safety Branch 4pp 53174-124-53174 137

-9003230202 NUH-002 Vol 1 of Rev 2 to "Topical Report for NUTECH Horizontal Modular Storage Sys for Irradiated Nuclear Fuel, NUHOMS-24P." \* Pacific Nuclear Systems, Inc 90/03/31 10pp 53174 126-53174 137

9003260106 Forwards NRC paper, "Review of West Valley Demonstration Project Vitrification Off-Gases," for DOE & contractor comments. Most of info in paper obtained from Waste Valley Demonstration Project DOE Contractors & stated counterparts. HURT, R.D. Fuel Cycle Safety Branch 90/03/18 BIXBY, W.W. Energy, Dept. of Idaho Operations Office 1p 53147 186-53147 209

-9003260129 Submits preliminary review of vitrification off-gases to be expected at Waste Valley Demonstration Project (WVDP). Conclusion that WVDP off-gas treatment sys will likely be adequate to reduce radioactivity concentrations noted. HURT, R.D. Fuel Cycle Safety Branch 90/03/18 Fuel Cycle Safety Branch 3pp 53147-187-53147 169

-9003260134 "Review of West Valley Demonstration Project Vitrification Off-Gases" HURT, R.D. Fuel Cycle Safety Branch 89/08/31 20pp 53147-180-53147 209

9003260325 Forwards response to request for addl info on Chapters 8 & 13 re requirements document for remote positive indication of correct manual valve isolation/valve alignment & cast pressure retaining parts of stop valves respectively. KINTNER, E.E. General Public Utilities Corp. - GPU Service Corp 90/03/16 Document Control Branch (Document Control Desk) 5pp 53148 059-53148 072

9003260530 Summary of 900205 meeting w/State of LA Dept. of Environ Quality in Homer, LA re proposed Lucas and energy svcs U enrichment plant. LOYSEN, P. Fuel Cycle Safety Branch 90/03/08 HAUGHNEY, C.J. Fuel Cycle Safety Branch 4pp 53156 073-53156 076

9003270429 Requests withdrawal of fabrications specs & Section 5 of Vol II, "Optional Cask Transporter & Lifting Legs," per NRC determination that n/c considered proprietary. Updated, nonproprietary program descriptions will be submitted. MASSEY, J.V. Pacific Sierra Nuclear Associates PSN-90-053 90/03/19 CUNNINGHAM, R.E. Division of Industrial & Medical Nuclear Safety (Post 870729) 2pp 53164 109-53164 101

## PT21 NONCOMPLIANCE REPORTS AND RELATED CORRESPONDENCE

9002160188 Part 21 report re backup rings furnished in spare parts seal kits & in 26 GPM 4 way valves as part of actuators are of incorrect materials should be Viton & have been identified as Buna N. KNECHT, W.G. Anchor/Daring Valve Co (subs of Anchor/Daring Industries Inc) PT21 90-018-000 90/01/26 Oic of Enforcement (Post 870413) 2pp 52056 049-52896 050

9002220059 LER 90-035-00 on 900203 six Lim torque Corp gear operators, Model HUC 1 found to contain defect in casting of limit stop housing housing machine. To remove excess material item reportable per Part 21 W/900214 ltr. NOONAN, T.P. Duquesne Light Co PT21 90-027-033 90/02/14 9pp 52785 031-52785 039

9002260375 Part 21 report re defect in engineering documents developed by Sargent & Lundy for facility re-review & correction for all identified errors in separation sketches cable list & cable block diagrams under way & TVA notified. ABRAHAM, E.V. Sargent & Lundy, Inc PT21 90-025-000 90/02/14 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 4pp 52713 210-52713 221

9002260392 LER 90-004-00 on 900104 contact carrier screws in nonisotoly related breaker found loose & in bottom of motor control circuit breaker. Caused by indy deficiency. Loose screws secured. Part 21 related W/900214 ltr. GLOVER, R.M., OWEN, T.B. Duke Power Co PT21 90-033-000 90/02/14 9pp 52722 032-52722 040

9002270070 LER 90-018-01 on 891026, discovered that containment purge valves did not meet local leak rate testing acceptance criteria. Caused by intergranular stress fracture. Spiral pins replaced. Reportable per Part 21 W/900214 ltr. BRADISH, F.R., LEVINE, J.M. Arizona Public Service Co (formerly Arizona Nuclear Power Project) PT21 90-028-000 90/02/14 13pp 52785 010-52785 022

9002270253 Comments on draft NRC bulletin re loss of fill oil in Rosemount transmitters NRC has not specifically addressed effectiveness of programs already implemented by industry that address issue. FLOYD, S.O. BWR Owners Group, BWR0G-9029 90/02/16 ROSS, C.E. Division of Operational Events Assessment (Post 870411) 9pp 52759 161-52759 169

9003020075 Part 21 report re ABB 27/59 Relay Catalog Series 2111. Solder connections to printed wiring runs on bottom of circuit board deteriorated due to thermal stresses. No actual failure occurred & relays to be changed at next outage. KAISER, A.F. ASEA Brown Boveri, Inc PT21 90-030-000 90/02/22 BERLINGER, C. Office of Nuclear Reactor Regulation, Director (Post 870411) 3pp 52700 341-52788 343

9003050043 NRC Info Notice 90-018, "Potential Problems W/Crosby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl. ROSS, C.E. Division of Operational Events Assessment (Post 870411) 90/01/09 Consolidated Edison Co. of New York, Inc 106pp 52863 200-52863 208

9003060062 Forwards packing nuts that replace packing nut for cylinder valves from Heat 891. Nuts recalled on 890220. Requests that packing nuts be returned to manufacturer to restore product to exact design specs W/C nuts. BAFLOW, T.A. Descote, USA 89/10/24 BLACKLEY, G. Westinghouse Electric Corp 2pp 52887 292-52887 293

9003060065 Forwards report on 1-inch UFB cylinder valves, supplied by Super Valve Co to Union Carbide. UFB releases & valve failures can be attributed to human error or metallurgical causes. CROWELL, M.R., JOHNSON, W.A. Oak Ridge Associated Univs 89/01/11 PENNINGTON, S. Office of Nuclear Material Safety & Safeguards, Director 4pp 52897 300-52897 303

9003070020 Part 21 report re solder connections in ABB 27/59 relays deteriorated due to thermal stress, causing bonding of printed wiring pattern to glass epoxy circuit board. Interim circuit board w/larger pads & higher wattage will be used. KAISER, A.F. ASEA Brown Boveri, Inc 90/02/22 BERLINGER, C. Generic Communications Branch 3pp 52888 207-52888 209

9003070024 Requests NRC investigation report re 10CFR21 report & NRC Info Notice 88-087 & Suppl 1. AUTIN, D. Sequa Engineered Services, IEIN-88-097 90/02/02 PETROSINO, J.J. Division of Reactor Inspection & Safeguards (Post 870411) 1p 52880 118-52880 118

9003070095 Forwards plant status report for 900106-0205. During period plant operated at full power. EAPEN, P.K. Region 1, Oic of the Director PT21 90-031-000 90/02/15 JOHNSON, J.R. Region 1, Oic of the Director 5pp 52853 244-52853 248



9003080392 Part 21 rept re defective PUHF Black valve w/L Milwaukee Actuator Type SMB-00-25 Caused by missing pin that connects im1 switch drive gear to main actuator drive train Valve actuator disassembled to find cause of malfunction.  
BERRY, K.W. Consumers Power Co. PT21 90 032-003 90/02/27 Document Control Branch (Document Control Desk) 4pp 52897-082-52897-085

9003080475 LER 90-005-00 on 900131, control room notified that HXs may be unable to perform safety function at high flow rates. Caused by design error in shutdown cooling HX flow throttled to reduce noise Also reported per Part 21 W/9003226 ltr GROSS, K.W., DENTON, R.E. Baltimore Gas & Electric Co 90/02/26, 8pp 52979 C90-52979-095

9003120785 Suppls 900213 10CFR21 rept re chilled water sys operation on Evaluation of Crystal River determined that postulated high energy fire break in intermediate bldg may be subj to steam loads higher than normal loads, causing rising water temp VALGHN, H.E. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc) 90/02/27 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p 52999 219-52999 219.

9003150416 Forwards supplemental response to proposed draft NRC bulletin on loss of full or in Rosemount transmitters. Transmitter exhibiting early symptoms of potential failure replaced & review of calor data performed.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire NYN-90061 90/03/12 Document Control Branch (Document Control Desk) 18pp 53031 109-53031 126.

9003150447 Forwards response to proposed draft NRC bulletin on loss of full or in Rosemount transmitters. Models 1152 & 1151, which perform safety-related functions do not exist at plant.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire NYN-90066 90/03/08 Document Control Branch (Document Control Desk) 17pp 53025 C66-53025-082

9003160403 Clarifies supplemental response to proposed draft NRC bulletin on loss of full or in Rosemount transmitters, per 900313 re:con. Operability acceptance test will be performed.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire NYN-90066 90/03/13 Document Control Branch (Document Control Desk) 1p 53036 115-53036 115

9003190019 Clarifies 900312 supplemental response to proposed draft NRC bulletin on loss of full or in Rosemount transmitters. If more frequent calor required transmitter will be time response tested to operability acceptance criteria.  
FEIGENBAUM, T.C. Public Service Co. of New Hampshire NYN-90072 90/03/14 Document Control Branch (Document Control Desk) 4pp 53047 335-53047 338

9003200029 LER 90-005-01 on 900209, defect found in casing of Lim torque Motor HBC-1 gas operators, causing valve motion to cease prematurely in open direction. Caused by excess mail on housings Also reported per Part 21 W/900308 ltr NOONAN, T.P. Duquesne Light Co ND3MNO 2031 90/03/08 9pp 53053 C00-53053-017

9003200100 Part 21 rept re several failures of Fairbanks Morse Engine Division pistons/bushings on upper pistons. Caused by incorrect surface pattern on piston pin. Piston pins under listed purchase orders to be removed & replaced.  
REDER, T.J. Colt Industries, Inc 90/03/07, Region 3, Ofc of the Director 3pp 53078-287-53078-289.

9003200166 Part 21 rept re failure of connecting rod in standby diesel generator 22. Initially reported on 891208 On 891128, master connecting rod failed. Caused by overdrilling of oil holes. Final rept., "F.n to Element Analysis of KSV-4-2A..." oncl STOLBA, F.B. Cooper Industries, Inc PT21 90 040-000 90/03/08 MURLEY, T.E. Office of Nuclear Reactor Regulation Director (Post 870411). 4pp 53078 220-53078 220

~9003200224 AM-1852-C-1A Final Rept AM-1852-C-1A, "F.n to Analysis of KSV-4-2A Master Connecting Rod," applied mechanics rept  
HORNE, J.M. Cooper Industries, Inc 90/02/26 47pp 53078-224-53078-270

9003200358 Part 21 rept re defective pieces of ASTM A500 square tubing mfg by UNR. Initially reported by licensee on 900215. Limited number of 29 pieces determined to actually be defective, per TVA visual insp Mail will be returned.  
BURGER, N. Siskin Steel & Supply Co., Inc 90/02/16, MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 2pp 53105 004-53105-005

9003210243 Notification of 900319 meeting w/NUMARC in Rockville, MD to discuss NRC Bulletin 90-001, "Loss of FRI-Oil in Transmitters Mfg by Rosemount".  
BERLINGER, C.H. Genomic Communications Branch IE8-00-001 90/03/13, ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 2pp 53112 146-53112-147.

9003210250 Part 21 rept re core spray motor failure discovered at BWR/4 plant. Caused by electrical short to ground between stator coil and turns & lower air collector. Condition considered not reportable but germane to safety.  
SCRAMBACK, G.B. General Electric Co. MFN-019-90 90/03/14 BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp 53104-272-53104-273.

9003210254 Part 21 rept re repurchase or reappplied safety-related products. Initially reported on 900313. Future GE-NE Part 21 program notification will contain listed notice.  
SCRAMBACK, G.B. General Electric Co. MFN-019-90 90/03/14, BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director (Post 870411). 2pp 53112-140-53112-141.

9003210258 Part 21 rept re potential for failure of GE auxiliary contact adder blocks. Failed motor replaced. Failure appears to be isolated case.  
SCRAMBACK, G.B. General Electric Co 90/03/13, BERLINGER, G.B. Office of Nuclear Reactor Regulation, Director (Post 870411). 4pp 53112 188-53112-181

9003210267 LER 90-001-00 on 900209, Gilbert/Commonwealth, Inc. informed util of vendor requirement to rept design deficiency re failure of safety function, per Part 21. Util evaluating what design mods can be made to correct deficiency. W/900312 ltr. HIGGINS, W.R., BRADHAM, O.S. South Carolina Electric & Gas Co 90/03/12 4pp 53100-021 53100-024.

9003230043 NRC Staff response in opposition to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters. Motion fails to satisfy late-filed contentions criteria of 10CFR2.734 & should be denied.  
BARTH, C.A. Assistant General Counsel for Hearings & Enforcement. #190 10098, OL 90/03/14, Atomic Safety and Licensing Appeal Panel. 12pp 63052 077-63052-151.

9003230096 Applicant answer to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters. Motion considered untimely, fails criteria of 10CFR2.734 & should be denied.  
DIGNAN, T.G. Public Service Co. of New Hampshire #190 10103 CL 90/03/13, Atomic Safety and Licensing Appeal Panel. 7pp 53051-121-53051-179.

~9003230098 Affidavit of BE Beuchel \* Addresses intervenors allegations & whether significant safety issue present re Rosemount transmitters. Supporting info, including BEUCHEL qualifications & Certificate of Service.  
BEUCHEL, B.E. Yankee Atomic Electric Co. OL 90/03/13 52pp 53051-128-53051-179

## QA999 QUALITY ASSURANCE INSPECTIONS

9003010147 Forwards Insp Rept 99901139/89-01 on 890606-09 & notice of nonconformance.  
BRACHE, W. Vendor Inspection Branch 90/02/07 MILLET, H.F. Sequa Engineered Services 2pp 52826 168-52826-170.

~9003010149 Notice of nonconformance from insp on 890606-09. Nonconformance noted licensee failed to invoke quality requirements to extent necessary for mail vendors in listed safety-related purchase orders.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/02/07. 2pp 52826 170-52826-172

~9003010153 Insp Rept 99901139/89-01 on 890606-09. Noncompliance noted Major areas inspected followup to 891021 10CFR21 rept re nonconformance Masonian Dresser Industry valve parts supplied to plants & NRC Info Notice 88-097 Supp. 1.  
PETROSINO, J.J., BAKER, E.T. Vendor Inspection Branch IE-N8-097 89/09/11 Bpp 52826 173-52826-179.

9003080181 Confirms 900223 telcon w/JJ Petrosino & TB Roth re insp at facility on 900312-15 concerning implementation of QA program & review of corrective actions for previous NRC findings.  
BRACHE, W. Vendor Inspection Branch 90/02/28 ZECOS, P.A. Elgar Corp. 2pp 52887 305-52887-305.

9003070024 Requests NRC investigation repts re util 10CFR21 rept & NRC Info Notice 88-097 & Supp. 1.  
AUTIN, D. Sequa Engineered Services. IEIN-88-097, 90/02/02, PETROSINO, J.J. Division of Reactor Inspection & Safeguards (Post 870411) 1p 52889 118-52889 118

9003070092 Responds to NRC 900112 ltr re violation & nonconformances noted in Insp Rept 99900030/89-01. Corrective actions all customers notified of deviation & steps to prevent improper valve operation.  
GODWIN, G.C. BWIP International, Inc. (formerly Byron Jackson Pump Division) 90/02/22, GRIMES, B.K. Division of Reactor Inspection & Safeguards (Post 870411). 24pp 52889 043-52889-073.

9003070217 Responds to NRC 900207 ltr re violations noted in Insp Rept 99901139/89-01. Corrective action survey being conducted of all mail vendors to determine quality programs maintained & recognized standards currently in place.  
MILLET, H.F. Sequa Corp. 90/02/22, BRACHE, W. Vendor Inspection Branch 2pp 52888 001-52888-002.

9003080388 Responds to violations noted in Insp Rept 99901139/89-01. Corrective actions all purchase orders per 10CFR50.B will specify quality sys requirements, spec requirements for all items & invoking 10CFR21 requirements.  
MILLET, H.F. Sequa Engineered Services. 90/02/22, BRACHE, W. Vendor Inspection Branch. 2pp 52896 318-52896-317.

9003190072 Discusses & forwards Insp Rept 99901177/90-01 on 900117-18. No nonconformances noted.  
BRACHE, W. Vendor Inspection Branch 90/03/13, HALFERTY, J.P. Siemens Energy & Automation, Inc. 2pp 53051-008-53051-016.

~9003190077 Insp Rept 99901177/90-01 on 900117-18. No violations or noncompliance noted Major areas inspected mfg & testing of ITE molded-case circuit breakers & Siemens handling of orders for nuclear util.  
ALEXANDER, S.D., POTAPOVS, V. Vendor Inspection Branch 90/03/05. 9pp 53051 008-53051-018

9003210350 Responds to NRC 900130 ltr re nonconformance noted in Rept 9991173/89-01. Corrective actions refs to ASME Section 3 eliminated from SACM diesel purchase spec for CIAT & Compar Luchard.  
GERMAIN, J. SACM Diesel. 90/02/20, LAINAS, G.C. Division of Reactor Inspection & Safeguards (Post 870411). 30pp 53105-154-53105-183.

9003230134 Ack receipt of 900202 ltr informing NRC of steps taken to correct violations & nonconformances noted in Insp Rept 99901171/89-01.  
BRACHE, W. Vendor Inspection Branch 90/03/13, SELKE, D. Sheller Corp. 1p 53174-230-53174-230.

## REGD REGULATORY GUIDES

9002220481 Provides addl info re environ qualification of Gammametrics neutron flux detectors at facility & revises util conformance to Reg Guide 1.97 submittal. Leaking cable assemblies will be rope red/replaced, as necessary.  
GATES, W.G. Omaha Public Power District, LIC-90-0084 90/02/09, Document Control Branch (Document Control Desk) 4pp 52708-128-52708-131.

9002230258 Requests consolidated application in connection w/review of 890213 request for renewal of Certificate of Compliance 9189 to include listed items, including refs of 840202 application & 830425, 0801 & 21 suppls.  
MACDONALD, C.E. Fuel Cycle Safety Branch 90/02/13 KIRK, W.F. United Nuclear Corp. 1p 52715-219-52715-219.

9002230342 Forwards Insp Repts 60-277/90-02 & 60-278/90-02 on 900108-12. No violations noted.  
DURR, J.P. Region 1, Ofc of the Director. 90/02/07, MCNEILL, C.A. Philadelphia Electric Co. 2pp 52715-196-52715-206.



9002260034 Insp Repts 50-277780-02 & 50-278996-02 on 900105-12 No violations noted. Major areas inspected: instrumentation implementation of Reg Guide 1.97, Rev 3.1 post-accident monitoring instrumentation.  
CHEUNG, L., GREGG, A.D., ALDERSON, C.J. Region 1, Ofc of the Director. 50-278996-02, 90/01/31. 5pp. 52716.189-52716.206

9002260002 Forwards SER on NEDO-31558, concluding that alternatives proposed by BWR Owners Group unacceptable & requesting that BWR plants install neutron flux monitoring instrumentation in compliance w/ criteria 1 to Reg Guide 1.97.  
BOYLE, M.L. Project Directorate I-4. 90/02/13. MROCK, A.E. J. Connecticut Yankee Atomic Power Co. MROCK, A.E. J. Northeast Nuclear Energy Co. Issues of Northeast Utilities. 5pp. 52711.144-52711.151

9002080254 Forwards SER concluding that GE NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys.", submitted by BWR Owners Group 880401 ltr, unacceptable. Environmental qualification of equipment required.  
MIRAGLIA, F.J. Associate Director for Inspection & Technical Assessment (Post 870411). 90/01/29. FLOYD, S.D. BWR Owners Group. 1p. 52711.146-52711.146

9002080250 Safety evaluation of NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys.", concluding that proposed functional criteria for monitoring instrumentation unacceptable.  
\* NRC - No Contingent Affiliation Given. 90/01/29. 5pp. 52711.147-52711.151

9002260276 Forwards Insp Repts 50-250/90-01 & 50-251/90-01 on 900105-12 No violations or deviations noted.  
JULIAN, C.A. Region 2, Ofc of the Director. 90/02/02. GOLDBERG, J.H. Florida Power & Light Co. 3pp. 52726.004-52726.017

9002260260 Insp Repts 50-250/90-01 & 50-251/90-01 on 900105-12 No violations noted. Major areas inspected: licensee conformance to Reg Guide 1.97 instrumentation for light water cooled plant to assess conditions during & after accident.  
HUNT, M.D. CONQUEST, E. Region 2, Ofc of the Director. 50-251/90-01. 90/02/01. 11pp. 52726.007-52726.017

9002260481 Provides addl info re utl. Proposed Change Notice 297. Calculation results verify that noble gas concurrent w/1-131 will activate noble gas detectors for extended periods of time after fuel assembly removal from core.  
NANDY, F.R. Southern California Edison Co. 90/02/09. Document Control Branch (Document Control Desk). 3pp. 52725.311-52725.313

9002260547 Requests consolidated application in place of 890816 application for renewal of Certificate of Compliance 5148 for Model 614A package Application should include BAW 799320 application & section of operating procedure main program.  
MACDONALD, C.E. Transportation Branch. 90/02/13. CLSEN, A.F. Babcock & Wilcox Co. 1p. 52738.121-52738.121

9002270392 Application for amend to License NPF-29 extending implementation date for neutron flux monitoring until fifth refueling outage per Reg Guide 1.97 to evaluate & apply results of BWR Owners Group design criteria to plant design.  
COTTLE, W.T. System Energy Resources, Inc. AECW-90/0030. 90/02/16. Document Control Branch (Document Control Desk). 11pp. 52756.045-52756.056

9002270386 Proposed Tech Specs re emergency response facilities per Generic LL-82-33, Suppl 1 to NUREG-0737 & Reg Guide 1.97.  
\* System Energy Resources, Inc. GL-82-33. 90/02/16. 1p. 52756.056-52756.056

9002270432 Forwards SER concluding that BWR Owners Group proposed functional criteria for post-accident neutron flux monitoring as alternative to Category 1 instrumentation per Reg Guide 1.97, unacceptable.  
SIEGEL, W.T. Project Directorate I-4. 90/02/14. KOVACH, T.J. Commonwealth Edison Co. 3pp. 52756.145-52756.156

9002280178 Summary of ACRS Subcommittee on AC/DC Power Sys Reliability 891002 meeting in Bethesda, MD re proposed final resolution of Generic Issue B-56, "Diesel Generator Reliability" & proposed Reg Guide 1.9, Rev 3.  
\* ACRS - Advisory Committee on Reactor Safeguards. 89/10/11. ACRS - Advisory Committee on Reactor Safeguards. 11pp. 52760.039-52760.049

9003010116 Forwards Amend 24 to License SUA-442, adding License Condition 42D re revised frequency for urinalysis, per Section 4.2 of Rev 1 to Reg Guide 8.22, "Bioassay at U Mills".  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/16. HOPKINS, R. Pathfinder Mines Corp. 2pp. 52781.220-52781.231.

9003010123 Amend 24 to License SUA-442 for Pathfinder Mines Corp, adding License Condition 42D re frequency for urinalysis per Section 4.2 of Rev 1 to Reg Guide 8.22, "Bioassay at U Mills".  
HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/16. 10pp. 52781.222-52781.231.

9003010125 Recommends issuance of Amend 24 to License SUA-442, adding Condition 42(D) re frequency of urinalysis, per Section 4.2 of Rev 1 to Reg Guide 8.22, "Bioassay at U Mills".  
GARCIA, P.J., HALL, R.E. Uranium Recovery Field Ofc, R4. 90/02/16. Uranium Recovery Field Ofc, R4. 2pp. 52781.208-52781.209.

9003020263 Forwards updated response to Insp Rept 50-312/88-30. Calculations for liquid effluent monitors completed & in use & rev to Reg Guide 4.15 in procedure RSAP-1702 scheduled to be completed & implemented by Apr 1990.  
KEUTER, D.R. Sacramento Municipal Utility District. AGM/NUC 90-019. 90/02/14. MARIN, J.B. Region 5, Ofc of the Director. 2pp. 52799.109-52799.110.

9003050255 Advises that proposed NEDO-31558 document unacceptable & neutron flux monitoring equipment must be environmentally qualified to comply w/ 10CFR50.49, based on review of subj issue.  
LABARGE, D.E. Project Directorate I-1. TAC 51090. 90/02/26. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 2pp. 52837.063-52837.070.

9003080164 Requests addl info re 891023 application for amend to Tech Specs, revising pressure-temp limits per Rev 2 to Reg Guide 1.89 & removing reactor vessel venting requirement.  
CRAIG, J.W. Project Directorate III-2. TAC 71489. 90/03/01. KOVACH, T.J. Commonwealth Edison Co. 4pp. 52897.096-52897.099.

9003090324 Partial response to FOIA request for documents listed App B documents enclosed Apps A & B documents available in PDF.  
PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/02/26. WEBER, M.A. New York Newsday. 11pp. 52993.252-52993.261

9003090344 Comments on 1. Sokolow 520729 ltr expressing concern over NRC proposal to remove requirement for biweekly testing of plant employees NRC drafting screening rule for employees & considering psychological testing requirement.  
DROCK, S.W. Ofc of the Executive Director for Operations. 89/11/19. OAMATO, A. Senate. 1p. 52991.016-52991.016

9003090471 Forwards occupational radiation exposure portions of plant controlling repts for 1989.  
RESCEK, F. Commonwealth Edison Co. 90/02/26. DAVIS, A.B. Region 3, Ofc of the Director. 1p. 52965.203-52965.203

9003090477 "Number of Personnel & Person-Rem by Work & Job Function for 1989".  
W/900201 ltr.  
EENIGENBURG, E. Commonwealth Edison Co. 90/01/31. 89/12/31. DAVIS, A.B. Region 3, Ofc of the Director. 2pp. 52966.207-52966.209

9003090483 "Number of Personnel & Person-Rem by Work & Job Function for 1989".  
W/900212 ltr.  
BAY, R.L. Commonwealth Edison Co. 90/01/30. 89/12/31. 2pp. 52966.203-52966.210

9003090484 "Number of Personnel & Person-Rem by Work & Job Function for 1989".  
W/900202 ltr.  
OYCE, T. Commonwealth Edison Co. 89/12/31. 2pp. 52966.211-52966.212

9003090486 "Number of Personnel & Person-Rem by Work & Job Function for 1989".  
W/900221 ltr.  
DIEDERICH, G.J. Commonwealth Edison Co. 89/12/31. 2pp. 52966.213-52966.214

9003090488 "Number of Personnel & Person-Rem by Work & Job Function for 1989".  
W/900205 ltr.  
PLENIEWICZ, R. Commonwealth Edison Co. BYRON 90-0143. 89/12/31. 2pp. 52966.211-52966.216

9003090490 "Number of Personnel & Person-Rem by Work & Job Function for 1989".  
W/900215 ltr.  
QUERIORE, J. Commonwealth Edison Co. BW/90-0193. 89/12/31. 2pp. 52966.217-52966.218

9003120156 Forwards regulatory history for proposed amend to 10CFR50.61, "Fracture Toughness Requirements for Protection Against PTS Events," published in FR on 901226.  
RANDALL, P.N. Division of Engineering (Post 870413). AG01-1. 01. 90/03/03. LESAR, M.T. Regulatory Publications Branch. 2pp. 52914.079-52914.111.

9003120222 "Informs of progress in resolving inconsistency in formulas for calculating extent of radiation embrittlement given in PTS & Rev 2 to Reg Guide 1.99 & requests approval for initiation of rulemaking to amend PTS rule."  
BECKJORD, E.S. Ofc of Nuclear Regulatory Research (Post 860720). AD01-1. 06. 89/02/02. STELLOV, Ofc of the Executive Director for Operations. 5pp. 52014.100-52014.113

9003120556 Notification of 800314 meeting w/utl to discuss licensee PTS submittal.  
SEARS, P.M. Project Directorate I-3. 90/02/27. WESSMAN, R.H. Project Directorate I-3. 6pp. 52990.038-52990.040.

9003130730 Forwards topical rept evaluation of GE Rept NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys." BWR Owners Group position unacceptable.  
DROMERICK, A.W. Project Directorate I-1. TAC 51115. 90/02/26. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52999.234-52999.241.

9003130733 Responds to BWR Owners Group Rept NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys." Category 1 designation appropriate. Topical rept unacceptable.  
MIRAGLIA, F.J. Associate Director for Inspection & Technical Assessment (Post 870411). 90/01/29. FLOYD, S.D. Carolina Power & Light Co. 1p. 52999.236-52999.236

9003130736 Safety evaluation of Topical Rept NEDO-31558, "Position on Reg Guide 1.97, Rev 3, Requirements for Post-Accident Neutron Monitoring Sys." Functional criteria for post-accident neutron flux monitoring instrumentation unacceptable.  
\* Carolina Power & Light Co. 80/02/26. 5pp. 52999.237-52999.241.

9003140252 Forwards safety evaluation concluding that info re DCDR, provided in summary repts, meets requirements of Suppl 1 to NUREG 0737 info re human engineering deficiency provided in 890823 ltr per Rev 3 to Reg Guide 1.97 being reviewed.  
NEIGHBORS, J.D. Project Directorate I-1. TAC 58132. 90/03/07. BRONS, J.C. New York Power Authority (formerly Power Authority of the State of New York). 6pp. 53018.326-53018.330.

9003150265 Notices of cancelled 900314 meeting w/utl re reactor vessel PTS, per Reg Guide 1.99.  
SEARS, P.M. Project Directorate I-3. 90/02/27. WESSMAN, R.H. Project Directorate I-3. 3pp. 53025.262-53025.264.

9003150417 Provides suppl info to clarify position re leakage detection & conformance w/ Position C of Reg Guide 1.45, Util concludes that combination of existing Tech Specs & administrative controls fully comply w/intent of staff position on leakage.  
MURPHY, W.P. Vermont Yankee Nuclear Power Corp. GL-88-01. 90/03/08. Document Control Branch (Document Control Desk). 2pp. 53022.038-53022.039.

9003150475 Provides add'l info in response to Generic Ltr 88-11 re radiation embrittlement of reactor vessel walls, including comparison of irradiation embrittlement predictions of Reg Guide 1.99, Revs 1 & 2 for plant.  
CALIMINS, T.A. Public Service Electric & Gas Co. of New Jersey. GL-88-11 50/03/03 Document Control Branch (Document Control Desk) 21pp 53029 057-53020.077

9003160066 Forwards Reg Guide 1.75 compliance review per NRC 900122 SER concerning unit to submit review in support of electrical design of new switchgear bag at plant.  
MROGZKA, E.J. Connecticut Yankee Atomic Power Co. MROGZKA, E.J. Northeast Utilities 913466 90/03/09 Document Control Branch (Document Control Desk) 6pp 53041 037-53041.044

9003160507 Responses to violation noted in Insp Rept 50-326/89-22 Corrective actions at: Cyclon 6/7 & Reg Guide 1.97 modes reviewed for similar errors & assessment of work performed during June 1989 to identify similar occurrences conducted.  
RUSSELL, J.C. New York Power Authority (formerly Power Authority of the State of New York) IP3-90-017 90/03/09 LINVILLE, J.C. Region 1, Ofc of the Director 3pp 53050 132-53050.134

9003190302 Approves calculation of fluid ductility reduction of reactor vessel bolting material using surveillance capsule data, per pressure temp limits re Generic Ltr 88-11.  
LOH, R. Project Directorate III-1 GL-88-11 60/03/09 EURY, L.W. Carolina Power & Light Co. 3pp 53067 266-53067.268

9003200408 Forwards Insp Repts 50-324/90-05 & 50-325/90-05 on 900129 0202 & notice of violation.  
JULIAN, C.A. Region 2, Ofc of the Director 90/03/02 EURY, L.W. Carolina Power & Light Co. 3pp 53077 189-53077.213

9003200412 Insp Repts 50-324/90-05 & 50-325/90-05 on 900129-0202 Violations noted Major areas inspected licensee conformance to Reg Guide 1.97, "Instrumentation for Light Water Cooled Nuclear Power Plant to Assess Plant & Environments."  
HUNT, M.D. MERRIWEATHER, N. CONLON, T.E. Region 2, Ofc of the Director 50-325/90-05 90/02/26 10pp 53077 204-53077.213

9003210096 Ack receipt of 900220 Ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-344/89-30 Advises that NRC position re monitoring of effluent stream contained in GDC 64 & Reg Guide 1.21.  
YUHAS, G.P. Region 5, Ofc of the Director 90/03/16 COCKFIELD, D.W. Portland General Electric Co. 2pp 53093 338-53093.351

9003210164 Comment on proposed rule 10CFR50, "Fracture Toughness for Protection Against PTS Events." Believes that Reg Guide 1.99, Rev 2 formulation generally works well for effects of neutron damage on charpy energy 30 ft lb shift.  
ACOSTA, R.J. Florida Power & Light Co. 54FR52946 00007 90/03/09 CHILKS, J. Ofc of the Secretary of the Commission 1p 53082 215-53082.215

9003210198 Forwards NUH 001, Rev 2, "Topical Rept for NUTECH Horizontal Modular Storage Sys for Irradiated Nuclear Fuel" Encl withheld ref 10CFR2790.  
MCCONAGHY, W.J. Pacific Nuclear Systems, Inc. WJM-90-026 90/03/16 ROBERTS, J.P. Fuel Cycle Safety Branch 4pp 53112 033-53112.036

9003220087 Forwards FJ Miraglia 900129 Ltr to BWR Owners Group & SER denying BWR Owners Group position on post-accident neutron flux monitoring & requests that unit install neutron flux monitoring instrumentation conforming to Reg Guide 1.97.  
FAIRLIE, M.B. Project Directorate I-3 TAC 51365 90/03/07 THEMELAY, L.A. Vermont Yankee Nuclear Power Corp. 3pp 53165 263-53165.261

9003220116 Forwards F. Miraglia 900129 Ltr to BWR Owners Group & SER denying position on post-accident neutron monitoring sys. Schedule for implementation of neutron flux monitoring instrumentation remains open item.  
LENN, B. Project Directorate III-1 TAC 75987 90/03/08 EURY, L.W. Carolina Power & Light Co. 3pp 53126 172-53126.180

9003220246 Requests schedule for installation of post-accident neutron flux monitoring instrumentation that meets requirements of Reg Guide 1.97 & 10CFR50.59.  
HICKMAN, J.B. Project Directorate III-2 90/03/13 SPANGENBERG, F. Illinois Power Co. 4pp 53165 292-53165.301

9003220271 Forwards add'l justification for deviation from Reg Guide 1.97 recommendation for Category 1 qualified wide-range level instrumentation re accident monitoring. Add'l info re isolation devices requested by 900125 telecon also encl.  
EVERS, K.H. Wisconsin Public Service Corp. NRC-90-33 90/03/16 Document Control Branch (Document Control Desk) 26pp 53113 131-53113.166

9003220321 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against Thermal Shock Events." Recommends that use of credible surveillance data be allowed to establish consistent calculational method w/reg guide.  
GATES, W.G. Omaha Public Power District. 54FR52948 00013 90/03/12 Docketing & Services Branch. 2pp 53088 225-53088.226

9003220323 Comment on proposed rule 10CFR50, "Fracture Toughness Requirements for Protection Against PTS Events." Any utilization of NRC proposed application of Reg Guide 1.99, Rev 2, would be inappropriate w/o re-evaluation by NRC.  
BRAM, S.B. Consolidated Edison Co. of New York, Inc. 54FR52948 00018 90/03/09 Docketing & Services Branch. 2pp 53088 227-53088.228

9003230095 Applicant answer to intervenors motion to reopen record & admit late-filed contention re defective Rosemount transmitters." Motion considered untimely, fails criteria of 10CFR27.34 & should be denied.  
DIGNAN, T.G. Public Service Co. of New Hampshire. #190 10103. OL 90/03/13 Atomic Safety and Licensing Appeal Panel. 7pp 53051 121-53051.179

9003230098 Affidavit of BE Beuchel. Addresses intervenors allegations & whether significant safety issue present re Rosemount transmitters. Supporting info, including Beuchel prof qualifications & Certificate of Sys encl.  
BEUCHEL, B.E. Yankee Atomic Electric Co. IEB-90-001. 90/03/13. 62pp. 63051:128-53051:178.

9003230108 Special rept on 900202, inoperable loose parts detection sys instrumentation noted. Caused by failing accelerometer or breakdown of nonsafety signal cable. Sys still meets intent of Reg Guide 1.133 by maintaining two operable channels.  
KAPLAN, A. Cleveland Electric Illuminating Co. PY-CEI/NRR-1149. 90/03/14. Document Control Branch (Document Control Desk). 2pp 53147:022-53147:023.

9003230210 Advises that action on Generic Ltr 88-11, "Radiation Embrittlement of Reactor Vessel Walls" complete & TACs 71561 & 71562 closed per 880921 Ltr & Reg Guide 1.99.  
EDISON, E. Project Directorate II-2 GL-88-11 90/03/18 GOLDBERG, J.H. Florida Power & Light Co. 3pp 53173 354-53173.356

9003260047 Forwards documents for regulatory history package (AC65-1) re proposed rule 10CFR35, "Basic QA Program, Records & Repts of M-sadm nistrations & Events re Medical Use of Byproduct Materials."  
TSE, A. Regulation Development Branch. AC65-1 036. 90/03/19 HUYER, D. Document Control Branch (Document Control Desk). 16pp 53146 162-53146.235

9003260081 Forwards proposed amendments to 10CFR35, "Medical Use of Byproduct Materials," that would require medical use licensees to implement basic QA program Draft Reg Guide DG-8001, "Basic QA Program for Medical Use," also encl.  
MOHRIS, B.M. Division of Regulatory Applications (Post 870413) AC65-1 037 90/01/16 Affiliation Not Assigned 57pp 53146 179-53146.235

9003260441 Advises that all licensees must make arrangements to install neutron flux monitoring instrumentation that conforms to requirements of 10CFR50.40 & Reg Guide 1.97 Plans re submatter requested within 45 days of Ltr receipt.  
SHIRAKI, C.Y. Project Directorate I-2 TAC 67823 90/03/16 MILTENBERGER, S. Public Service Electric & Gas Co. of New Jersey 2pp 53149:140-53149:149

9003260444 Advises that all licensees must install neutron flux monitoring instrumentation that conforms to requirements of Reg Guide 1.97 & 10CFR50.40 Encl Ltr & SER finds that BWR Owners Group position unacceptable.  
MARCUS, R.S. Instrumentation & Control Systems Branch. 90/02/02 NRC - No Detailed Affiliation Given. 1p 53149 142-53149.149

9003270333 Provides notification of change in schedule to revise instrument range for Reg Guide 1.97, Variable C-12. Discrepancy re instrument range for Variable C-11 from that previously committed to identified.  
MILNECK, D.L. Iowa Electric Light & Power Co. NG-90-0826 90/03/19 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 2pp 53193 080-53193.081

## REVIEW GHP NRC RESEARCH REVIEW GROUPS

9002260058 Accepts 900112 invitation to attend upcoming meeting.  
EBNETER, S.D. Region 2, Ofc of the Director 90/02/02 LUFFMAN, C.G. Southeast Nuclear Security Association 1p 52721 047-52721.047

9002280145 Summary of 900202 meeting w/NUMARC Working Group in Rockville, MD to discuss, answer questions on & provide clarifications on NRC marked-up proposed new STS Section 3.8, "Electrical Power Sys."  
HOXIE, C.L. Technical Specifications Branch 90/02/14 CALVO, J.A. Technical Specifications Branch. 2pp 52741 038-52741.091

9002280203 Summarizes discussions w/licensee during CHGR visit onsite on 880921-22.  
JORDAN, E.L. Committee to Review Generic Requirements 90/02/14 ARLOTTO, G.A. Office of Nuclear Material Safety & Safeguards, Director. MOORE, J.E. Office of the General Counsel (Post 860701). REYES, L.A. Region 2, Ofc of the Director. 4pp 52785:105-52785:108

9002270133 Notification of 900228 meeting w/NUMARC & lead plant licensees in Rockville, MD to discuss new STS plant sys.  
LOBEL, R.M. Technical Specifications Branch. 90/02/16 CALVO, J.A. Technical Specifications Branch. 2pp 52758:108-52758:109

9003010295 Provides progress rept on industry activities to address improvements in procurements process for plant equipment. Util will review commercial grade item programs to meet intent of EPRI NCI-07.

RASIN, W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 89/01/18 MIRAGLIA, F.J. Associate Director for Inspection & Technical Assessment (Post 870411). 6pp 52781:055-52781:059

9003070022 Provides comments on proposed position paper re critical characteristics NRC endorsement of Generic Ltr 89-02 was not meant & should not be construed to imply new requirements.  
GRIMES, B.K. Division of Reactor Inspection & Safeguards (Post 870411). GL-89-02. 90/02/27. MARION, A. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Manage. 3pp 52888:128-52888:130

9003080259 Notification of 900312 meeting w/NUMARC & licensees in Rockville, MD to discuss new STS instrumentation sys.  
SCHULTEN, C.S. Technical Specifications Branch. 90/02/27. CALVO, J.A. Technical Specifications Branch. 2pp 53013:188-53013:189

9003120265 Clarifies issue on 3M organization re activities under License 22-00057-06, per 891030 discussion w/R. Carleno & G. Shear. Organization chart showing present organization re license encl.  
WISSINK, R.G. Minnesota Mining & Manufacturing Co., 3M Co. 89/12/18. MALLET, B.S. Region 3, Ofc of the Director. 4pp 52882:121-52882:123

9003130018 Notices of 900314 meeting w/NUMARC, owners group & utility in Rockville, MD to discuss new STS ECCS.  
LOBEL, R.M. Technical Specifications Branch. 90/02/28. CALVO, J.A. Technical Specifications Branch. 2pp 52991:173-52991:174

9003130020 Notices of 900314 meeting w/industry in Rockville, MD to discuss new STS use & application.  
LOBEL, R.M. Technical Specifications Branch. 90/03/02. CALVO, J.A. Technical Specifications Branch. 2pp 53015:025-53015:026

9003130026 Summary of 900226 meeting w/NUMARC in Rockville, MD re new STS industry & staff agreed that dialogue provided valuable communications among all interested parties.  
GILLES, N.V. Technical Specifications Branch. 90/02/28. CALVO, J.A. Technical Specifications Branch. 3pp 53015:021-53015:023

9003150011 Forwards first draft for new STS Section 3.6, "Containment." Draft incorporates results of Jan & Feb 1990 meetings w/ NUMARC & Owners Groups. CALVO, J.A. Technical Specifications Branch. 90/03/07. HALL, W.J. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 283pp. 53021.007-53021.288.

9003160433 Forwards draft bulletin, "Nonconforming Mats Supplied by Meredith Corp. Pressure Vessel Nuclear of H'side, N.J." Requests meeting to discuss comments on proposed amendment. GRIMES, B.K. Division of Reactor Inspection & Safeguards (Post 870411). 90/03/06. RASIN, W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 8pp. 53039.283-53039.290.

9003200221 Notices of CRGR Meeting 181 on 900314 in Bethesda, MD to review proposed generic LTR guidance for performing temporary noncode repair of ASME Code Class 1, 2 & 3 piping & proposed supply to Generic LTR 89-13 re svc water sys. JORDAN, E.L. Committee to Review Generic Requirements. GL-69-13. 90/03/06. ARLOTTO, G.A. Office of Nuclear Material Safety & Safeguards Director. MIRAGLIA, F. Office of Nuclear Reactor Regulation, Director (Post 870411). MOORE, J.E. Office of the General Counsel (Post 860701). 2pp. 53069.357-53069.358.

9003210206 Notification of meeting w/EPRI & NUMARC on 900322 in Rockville, MD to present & discuss EPRI plans for industry-wide motor-operated valve testing program for responding to Generic LTR 69-10. MARSH, L.B. Mechanical Engineering Branch. GL-90-10. 90/03/09. MURLEY, T., SNIEZEK, J., MIRAGLIA, F. NRC. No Detailed Affiliation Given. 1p. 53098.327-53098.327.

9003210233 Provides change of room & times of presentation re CRGR Meeting 181 on 900314. Advises CRGR member not attending meeting should assure attendance by alternate approved by chairman. JORDAN, E.L. Committee to Review Generic Requirements. 90/03/12. ARLOTTO, G.A. Office of Nuclear Material Safety & Safeguards Director. MIRAGLIA, F. Office of Nuclear Reactor Regulation, Director (Post 870411). MOORE, J.E. Office of the General Counsel (Post 860701). 3pp. 53112.099-53112.101.

9003210243 Notification of 900319 meeting w/NUMARC in Rockville, MD to discuss NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mtg by Rosemont." BERLINGER, C.H. Generic Communications Branch. IEB-90-001. 90/03/13. ROSSI, C.E. Division of Operational Events Assessment (Post 870411). 2pp. 53112.146-53112.147.

9003220288 Lists STS sections selected by NRC to support development of sample bases. CALVO, J.A. Technical Specifications Branch. 90/03/07. HALL, W.J. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 2pp. 53165.256-53165.257.

9003230020 Responds to 900216 LTR forwarding "Industry Action Plan for Continued Improvement in Maint of Nuclear Power Plants." NRC strongly supports industry initiatives to improve maint & NUMARC efforts to coordinate programs. TAYLOR, J.M. Office of the Executive Director for Operations. 90/03/19. COLVIN, J.F. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 5pp. 53137.254-53137.259.

9003230021 Forwards "Industry Action Plan for Continued Improvement in Maint of Nuclear Power Plants" for info & use by NRC Plan and serve to provide forum for discussion on emerging maint issues of mutual interest. W/O encl. COLVIN, J.F. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 90/02/18. TAYLOR, J.M. Office of the Executive Director for Operations. 1p. 53137.259-53137.259.

9003230100 Responds to 891028 LTR "NRC Interim Criteria for OBE Exceedance" providing comments on NRC guidelines for making recommendation on plant shutdown following earthquake. Guidelines should be used in making shutdown recommendation. RICHARDSON, J.E. Division of Engineering Technology (Post 890827). 90/03/09. RASIN, W.H. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 4pp. 53145.267-53145.270.

9003230256 Requests encl NUMARC license renewal industry technical repts be placed into document control sys & made publicly available in PDR. TRAVERS, W.D. Assistant Director for Special Projects (Post 891001). 90/03/20. SKOCZLAS, J.A. Document Control Branch (Document Control Desk). 1p. 53137.260-53137.262.

9003230209 Rev 0 to "PWR Containment Structures License Renewal Industry Rept." \* Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 89/08/31. 129pp. 53137.263-53138.030.

9003230211 "BWR Vessel License Renewal Industry Rept." \* Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 89/10/31. 112pp. 53138.031-53138.140.

9003230278 Forwards technical rept, "BWR Vessel Internals License Renewal Industry Rept." Approval requested so that rept may be ref by nuclear utils in application for license renewal. GRIFFIN, E.P. Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 90/02/23. TRAVERS, W.D. Assistant Director for Special Projects (Post 891001). 1p. 53138.141-53138.141.

9003230280 "BWR Vessel Internals License Renewal Industry Rept." \* Nuclear Management & Resources Council (NUMARC) (formerly Nuclear Utility Management). 90/02/28. 109pp. 53138.142-53138.250.

9003260304 Resubmits 900129 LTR in fulfillment of commitment made during 881130 enforcement telcon. Second health physicist added to assist in expanded audits & health physics lab established. WISSINK, R.G. Minnesota Mining & Manufacturing Co., 3M Co. 90/03/06. DAVIS, A.B. Region 3, Office of the Director. 4pp. 53140.072-53140.075.

## SECY POSITION PAPERS BEFORE THE COMMISSION

8910310083 SECY-89-327 Recommends that Commission approve draft advance notice of proposed rulemaking on export/import of radwastes for FR publication. States requirements memo did 890413 re NRC policy on export/import of low level radwastes encl. DENTON, H.R. Office of Governmental & Public Affairs (Post 870413). 89/10/23. 18pp. 52776.020-52776.037.

8912050028 SECY-89-355 Requests Commission authorization for NMSS to issue new license authorizing Duke Power Co. to possess spent fuel from Oconee in SFSS at plant site. SFSS will employ NUTECH concrete module & steel canister dry storage sys. TAYLOR, J.M. Office of the Executive Director for Operations. 89/11/28. 161pp. 52737.057-52737.217.

8912140314 SECY-89-364 Requests Commission approval to extend license term for major operating fuel cycle licenses from current 5-yr period to 10-yr period. TAYLOR, J.M. Office of the Executive Director for Operations. 89/12/04. 8pp. 52776.012-52776.019.

9001220169 SECY-89-367 Requests Commission approval of final draft AO rept to Congress (NUREG 0030 Vol 12 Number 3) for Jul-Sept 1989. One proposed AO for nuclear plant involved deficiencies w/ recirculation sump at Trojan. TAYLOR, J.M. Office of the Executive Director for Operations. 89/12/28. 34pp. 52776.038-52776.071.

9001220177 SECY-90-013 Requests approval of final rule to prohibit agreements re employment that would restrict free flow of info to NRC. Certifies that rule will not have significant economic impact on small entities. PARLER, W.C. Office of the General Counsel (Post 860701). 90/01/11. 52pp. 52818.105-52818.156.

9001280276 SECY-90-012 Provides Commission w/technical info re Loma Prieta earthquake re 891017 & current insights re nuclear reactor safety. TAYLOR, J.M. Office of the Executive Director for Operations. 90/01/10. 11pp. 52776.031-52776.041.

9002070263 SECY-90-027 Informs Commission of status of design & development of LSS & activities of administrator for second quarter. DONNELLY, L.J. Office of Licensing Support System Administrator (Post 890301). 90/01/26. 6pp. 52775.353-52775.358.

9002080106 SECY-90-031 Informs Commission of status of initial development of event severity scale for commercial power reactor facilities. Joint IAEA/NEA Advisory Group of Initial Severity Scale formed & will meet in late Jan 1990. TAYLOR, J.M. Office of the Executive Director for Operations. 90/01/29. 23pp. 52989.001-52989.029.

9002120354 SECY-90-038 Requests Commission approval to renew Charter of Nuclear Safety Research Review Committee for addl 2-yr period under Federal Advisory Committee Act. TAYLOR, J.M. Office of the Executive Director for Operations. 90/02/06. 5pp. 52998.224-52998.228.

9002160171 SECY-90-039 Identifies licenses requesting delays in submitting individual plant exam results. TAYLOR, J.M. Office of the Executive Director for Operations. GL-88-20. 90/02/07. 4pp. 53045.355-53045.358.

9002160177 SECY-90-041 Provides quarterly status rept on NRC requalification program. TAYLOR, J.M. Office of the Executive Director for Operations. 90/02/07. 5pp. 53046.001-53046.005.

9002270072 SECY-90-045 Discusses Litigation Rept 1990-09. CORDES, J.F. Solicitor (Post 860701). 90/02/12. 26pp. 52749.141-52749.168.

9003050112 SECY-90-047 Provides annual rept on medical use program for 1989. Bc. public & private-sector third-party carriers implemented stringent cost-control programs. Changes in radopharms will involve development of monoclonal antibodies using A-131. TAYLOR, J.M. Office of the Executive Director for Operations. 90/02/14. 23pp. 52998.220-52998.257.

9003060119 SECY-90-052 Litigation Rept 1990-10. CORDES, J.F. Solicitor (Post 860701). 90/02/16. 46pp. 52988.309-52988.354.

9003060125 SECY-90-048 Informs Commission of status of licensing actions & progress achieved in meeting inventory goals. TAYLOR, J.M. Office of the Executive Director for Operations. 90/02/14. 8pp. 52988.182-52988.189.

9003060130 SECY-90-049 Informs Commission re current status of planned NRC Regulatory Info Conference to be held on 900501-02. TAYLOR, J.M. Office of the Executive Director for Operations. 90/02/14. 2pp. 52988.269-52988.270.

9003280251 Final response to FOIA request for document App A records encl. PHILIPS, J.D. Division of Freedom of Information & Publications Services (Post 890205). 90/03/26. CHAPMAN, N.G. Bechtel Power Corp. 2pp. 53142.330-53142.340.

9003270460 SECY-89-055 Briefs Commission on NRC review & assessment of alternate methods for conduct of NRC administered requalification exams per request of 880520 staff requirements memo. STELLOV, V. Office of the Executive Director for Operations. 89/02/13. 9pp. 53142.332-53142.340.

## STATE PROG STATE PROGRAMS

9002220591 Ack receipt of 891116 LTR conveying comments & recommendations of Organization of Agreement States from Oct 1989. All Agreement States meeting NRC responses to issues raised at meeting encl. CARR, K.M. Commissioners. 90/02/06. DICUS, G.J. Arkansas, State of. 18pp. 52705.268-52705.291.

9002220595 Summarizes issues discussed at annual meeting of All Agreement States Suggests that NRC consider supporting quarterly meetings between Organization of Agreement States chairperson & State, Local & Indian Tribe Programs  
D.CUS,G.J. Arkansas, State of 89/11/16 CARR,K.M. Commissioners. 6pp 52705 286-52705 291

9002230091 Requests visit to facility at convenient date for mutual exchange of info re activities concerning remediation plans of mill sites & stabilization of tailings pile.  
MONTVOYE,J. New Mexico, State of. 90/01/08 FERDINAND Affiliation Not Assigned 1p 52727.097-52727.097.

9002270055 Confirms 891027 discussion between J McGrath & JT Tierney re State of Rhode Island control program. Program determined as adequate & compatible w/Commissioner's Program Explanation of NRC policy & comments re program encl  
KAMMERER,C. Office of Governmental & Public Affairs (Post 870413). 90/02/20 SCOTT,H.D. Rhode Island, State of. 6pp. 52759-133-52759.138

9002280022 Responds to 891211 & 900201 concerns re radioactive materials exempt from regulatory concern & advises of intent to continue working w/Agreement States & regional compacts to develop consistent regulatory framework for exemptions  
CARR,K.M. Commissioners 90/02/12 LASH,T.R. Illinois, State of. 17pp. 52836 068-52836 088

9002280032 Requests assistance in implementing NRC Fitness-for-Duty rule & advises that below regulatory concern policy would make task of meeting federal requirement to be responsible for disposal of low level waste even more difficult  
LASH,T.R. Illinois, State of. 90/02/01. CARR,K.M. Commissioners 2pp 52836 087-52836 088

9003010088 Confirms 891027 discussion w/J McGrath & JT Tierney re state radiation control program. Recommends state initiate rulemaking to adopt other NRC rules needed to maintain compatibility.  
KAMMERER,C. Assistant Director for State Agreements Program 90/02/20 SCOTT,H.D. Rhode Island, State of. 6pp. 52791 056-52791 061.

9003010181 Advises that ZA Clayton replaced H Kohn as new State of OH EPA radiological safety officer. Requests correction on mailing list  
CARTER,G.R. Ohio, State of. 90/02/16 Document Control Branch (Document Control Desk). 1p 52815 358-52815 358

9003020181 Responds to 891214 ltr to SC Joseph re review & evaluation of dept radiation control program. Bureau establishing in-house data base patterned after NRC license tracking sys w/function to generate list of facilities due for insp.  
GROSSI,M.T. New York, NY. 90/01/29. KAMMERER,C. State, Local & Indian Tribe Programs (870413-900111). 3pp. 52800 350-52800 352.

9003020293 Notification of contract execution, Mod 13, to "Radiation Monitoring Program Requirements." Contractor: State of CO.  
CRAMPTON,S. Contract Administration Branch. FIN B-8450-0 NRC-30-83-668 90/02/26 WEST,K.S. Planning, Program & Management Support Branch (Post 870411) NICHOLAS,J.B. NRC - No Detailed Affiliation Given 1p 52836 197-52836 199.

9003020295 Mod 13, providing incremental funding for CY90, to "Radiation Monitoring Program Requirements."  
Colorado, State of. MACE,M.H. Division of Contracts & Property Management (Post 890205) NRC-30-83-668 90/02/26 2pp 52836 198-52836 199.

9003020298 Notification of contract execution, Mod 12, to "Radiation Monitoring Program Requirements." Contractor: State of TX.  
CRAMPTON,S. Contract Administration Branch. FIN B-8504-0 NRC-30-83-671 90/02/26 WEST,K.S. Planning, Program & Management Support Branch (Post 870411) NICHOLAS,J.B. NRC - No Detailed Affiliation Given 1p. 52828 256-52828 258

9003050012 Advises that ZA Clayton replaces retired H Kohn as new State of OH EPA radiological safety officer.  
CARTER,G.R. Ohio, State of. 90/02/16. COLBURN,T.G. Office of Nuclear Reactor Regulation, Director (Post 870411). 1p. 52846 305-52846 305.

9003060321 Advises that 891107 & 900109 revs to State of NV Agency for Nuclear Project/Nuclear Waste Project OIA program, Rev 2, acceptable.  
LINICHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (Post 891120). HLWR. 90/03/05. LOUX,R.R. Nevada, State of 2pp. 52845 253-52845 254.

9003080254 Notification of contract execution, Mod 15, to "Radiation Monitoring Program Requirements." Contractor: State of OH.  
CRAMPTON,S. Contract Administration Branch. FIN B-8450-0 NRC-30-83-646 90/03/02 WEST,K.S. Planning, Program & Management Support Branch (Post 870411) WIEDEMAN,D.G. NRC - No Detailed Affiliation Given 1p. 52896 311-52896 313.

9003080258 Mod 15, providing incremental funding for CY90, to "Radiation Monitoring Program Requirements."  
Ohio, State of. HAGAN,T.F. Contract Administration Branch. FIN B-8450-0 NRC-30-83-646 90/03/02 2pp 52896 312-52896 313.

9003080399 Notification of contract execution, Mod 13, to "Radiation Monitoring Program Requirements." Contractor: State of MO, Dept of Health, Bureau of Radiological Health  
CRAMPTON,S. Contract Administration Branch. FIN B-8454-0 NRC-30-83-643 90/03/02 WEST,K.S. Planning, Program & Management Support Branch (Post 870411) WIEDEMAN,D.G. NRC - No Detailed Affiliation Given 1p. 52910 127-52910 128.

9003080401 Mod 13, providing incremental funding for CY90, to "Radiation Monitoring Program Requirements."  
Missouri, State of. FIN B-8454-0. NRC-30-83-643. 90/03/02. 1p 52910 128-52910 128

9003080443 Notification of contract execution, Mod 8, to "Radiation Monitoring Program Requirements." Contractor: Illinois Dept of Nuclear Safety.  
CRAMPTON,S. Contract Administration Branch. FIN B-8458-0 NRC-30-86-358 90/03/02 WEST,K.S. Planning, Program & Management Support Branch (Post 870411) WIEDEMAN,D.G. NRC - No Detailed Affiliation Given 1p. 52896 058-52896 060.

9003080445 Mod 8, providing incremental funding for CY90, to "Radiation Monitoring Program Requirements."  
Illinois, State of. HAGAN,T.F. Contract Administration Branch. FIN B-8458-0. NRC-30-86-359. 90/03/02. 2pp. 52896 059-52896 060.

9003090196 Requests completed data base w/corrected values for 115 occupational air samples which exceeded levels in 1988 & 1989 & listing of wipe samples exceeding action levels in response to 900206 ltr  
ROBERTSON,G. Washington, State of. 90/03/02 ADAMS,S. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.) 1p. 52050 027-52950 027.

9003090200 Responds to reprint, "Pathways Analysis & Dose Model for Richland Low Level Radiowaste Facility." Revised pathway analysis should be completed for updated source term & vol data for Trenches 4A & 10  
ROBERTSON,G. Washington, State of. 90/03/05 SAUER,R.E. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.) 1p. 52926 125-52926 125.

9003120202 Forwards documentation re shipment arriving at Richland, WA facility on 900112 from Zion w/83 drums containing free-standing liquid. Possibly caused when processed drums stored in subfreezing temp w/liquid absorbed  
ELSEN,M.J. Washington, State of. 90/03/07 DUNKELMAN,M. NRC - No Detailed Affiliation Given 5pp. 52998 113-52998 189.

9003120507 Notification of contract execution, Mod 8, to "Environ Surveillance for Measuring Concentrations of Radioactivity & Radiation Levels in Environ of Commission U-Consolidated Activities." Contractor: State of NE Dept of Health.  
CRAMPTON,S. Contract Administration Branch. FIN B-8503 NRC-30-86-330 90/03/02 WEST,K.S. Planning, Program & Management Support Branch (Post 870411) NICHOLAS,J.B. NRC - No Detailed Affiliation Given 1p 53007 125-53007 125.

9003120512 Mod 8, obligating funds, to "Environ Surveillance for Measuring Concentrations of Radioactivity & Radiation Levels in Environ of Commission Licensed Activities Located Within State of NE & Selected by Commission."  
Nebraska, State of. HAGAN,T.F. Division of Contracts & Property Management (Post 890205) FIN B-8503 NRC-30-86-330 90/03/02 2pp 53170 039-53170 043.

9003120570 Notification of contract execution, Mod 16, to "Radiation Monitoring Program Requirements." Contractor: State of WI.  
CRAMPTON,S. Contract Administration Branch. FIN B-8453-0 NRC-30-83-647 90/03/02 WEST,K.S. Planning, Program & Management Support Branch (Post 870411) WIEDEMAN,D.G. NRC - No Detailed Affiliation Given 1p. 52999 210-52999 212

9003120671 Mod 16, providing incremental funding for CY90, to "Radiation Monitoring Program Requirements."  
Wisconsin, State of. Contractor Administration Branch. FIN B-8453-0 NRC-30-83-647 90/03/02 2pp 52999 211-52999 212

9003120679 Notification of contract execution, Mod 14, to "Direct Radiation Monitoring Program Requirements." Contractor: State of MI.  
CRAMPTON,S. Contract Administration Branch. FIN B-8451-0 NRC-30-83-644 90/03/02 WEST,K.S. Planning, Program & Management Support Branch (Post 870411) WIEDEMAN,D.G. NRC - No Detailed Affiliation Given 1p 52998 208-52998 208.

9003120682 Mod 14, providing incremental funding for CY90, to "Direct Radiation Monitoring Program Requirements."  
Michigan, State of. HAGAN,T.F. Contract Administration Branch. FIN B-8451-0 NRC-30-83-644 90/03/02 2pp 52998 207-52998 208.

9003120686 Notification of contract execution, Mod 14, to "Direct Radiation Monitoring Program Requirements." Contractor: State of MN.  
CRAMPTON,S. Contract Administration Branch. FIN B-8452-0 NRC-30-83-645 90/03/02 WEST,K.S. Planning, Program & Management Support Branch (Post 870411) WIEDEMAN,D.G. NRC - No Detailed Affiliation Given 1p. 52998 209-52998 201.

9003120691 Mod 14, providing incremental funding for CY90, to "Direct Radiation Monitoring Program Requirements."  
Minnesota, State of. HAGAN,T.F. Contract Administration Branch. FIN B-8452-0 NRC-30-83-645 90/03/02 2pp 52998 300-52998 301.

9003130579 Confirms telcon w/Nash & Dielman re NRC 900227-0302 visit to review State of FL radiation control program for agreement mails.  
WOODRUFF,R.L. Assistant Director for State Agreements Program. 90/02/22. CLARK,M.E. Florida, State of. 1p. 53014 333-53014 333.

9003140452 Responds to items of concern re state program for regulating agreement mails.  
KIZER,K.W. California, State of. 89/05/17. KAMMERER,C. State, Local & Indian Tribe Programs (870413-900111) 2pp. 53001 272-53001 273.

9003140455 Expresses gratitude to staff for effort extended in 1989 annual audit.  
OCCONNELL,G.E. New York, State of. 89/11/08. KAMMERER,C. State, Local & Indian Tribe Programs (870413-900111) 2pp 53001 239-53001 240.

9003150026 Requests technical assistance in resolving U mill related question. Firms in northwest obtaining U-bearing residue containing up to 2% U from extraction & casting processes. Questions listed.  
STRONG,T.B. Washington, State of. 0295 90/02/08. KAMMERER,C.C. State, Local & Indian Tribe Programs (870413-900111) 1p. 53033 105-53033 105.

9003150030 Responds to 890920 ltr re compatibility review of State of ID radiation control program. Written procedures will be developed for conducting unannounced insps, interviewing workers & observing operations.  
MONSON,B.R. Idaho, State of. 89/09/29. KAMMERER,C. State, Local & Indian Tribe Programs (870413-900111) 2pp. 53032 179-53032 180.

9003150067 Responds to 890327 ltr re Jan review of State of KS radiation control program adequate to protect health & safety & compatible w/NRC program.  
ALLEN,G.W. Kansas, State of. 89/08/29. KAMMERER,C. State, Local & Indian Tribe Programs (870413-900111) 1p. 53030 215-53030 215.

9003150158 Summary of 900215 meeting of Puerco Valley Navajo Clean Water Assoc at Lupton Chapter House to discuss finance rept, elements of 1990 work plan & action on 1990 budget.  
Puerco Valley Navajo Clean Water Association. 90/02/15. Puerco Valley Navajo Clean Water Association 2pp 53035 127-53035 128.

9003150177 Advises that next TAC meeting will be held on 900323 in Wolfpinit, WA. Tentative agenda encl.  
VANDUSEN,K. Washington, State of. 90/02/15. Washington, State of. 2pp. 53032 160-53032 161.



-9001120203 Safety evaluation accepting Topical Rept BAW-2045(P). "Recirculating Steam Generator Kinetic Sleeve Qualification for 3/4-Inch OD Tubes" for ref in licensing applications to extent specified & under limitations delineated in rept.  
\* Office of Nuclear Reactor Regulation, Director (Post 870411) 90/01/04 4pp 53046.008 53046.039

9002220627 Responds to 900117 ltr forwarded to Chairman Zech expressing concerns re nuclear power reactors designed & mfg by GE/GE reactor's adequately designed to respond to all DBAs Forwards Director's Decision on D3-89-09  
HGLAHAN,G.M. Division of Reactor Projects - III,IV,V & Special Projects (Post 870411) CD-89-09 90/02/12 DARNELL,K.L. Affiliation Not Assigned 2pp 52700.329 52700.358

9002220629 Forwards nonproprietary Rev 3 to WCAP-12244 & proprietary Rev 3 to WCAP-12244, "Steam Generator Tube Plug Integrity Summary Rept." Proprietary Rev 3 withheld (ref 10CFR2790)  
JOHNSON,W.J. Westinghouse Electric Corp. NS-NRC-89-34/6 89/11/30 SHACLOM,N.C. - No Detailed Affiliation Given 2pp 52854.081 52855.113

-9002220834 Forwards nonproprietary Rev 3 to WCAP-12245 & proprietary Rev 3 to WCAP-12244, "Steam Generator Tube Plug Integrity Summary Rept." & explanation for withholding proprietary rept from disclosure Proprietary Rev 3 withheld (10CFR2790)  
JOHNSON,W.J. Westinghouse Electric Corp. NS-NRC-89-34/6 89/12/07 SHACLOM,N.C. - No Detailed Affiliation Given 1p 52854.093 52854.093

-9002220841 Requests withholding of proprietary Rev 3 to WCAP-12244, "Steam Generator Tube Plug Integrity Summary Rept." from public disclosure (ref 10CFR2790(b)(1)) All draft supporting request uncl.  
WIESEMAN,N.R. Westinghouse Electric Corp. AW-89-118 88/12/87 MURLEY,T. Office of Nuclear Reactor Regulation, Director (Post 870411) 10pp 52954.084 52954.093

-9002220845 WCAP-12245 R03 Rev 3 to WCAP-12245, "Steam Generator Tube Plug Integrity Summary Rept."  
\* Westinghouse Electric Corp. 89/11/30 280pp 52854.093 52855.113

9002230348 Advises that 890925 commitment to include most limiting power conditions in future 10CFR21 evaluations, adequate Part 21 evaluation should not exclude events from consideration solely because event not known to have occurred.  
WILKINS,C.W. Division of Reactor Inspection & Safeguards (Post 870411) 90/02/15 MARRICCI,P.W. General Electric Corp. 1p 52719.105 52719.105

9002230523 Forwards proprietary WCAP-12495 & nonproprietary WCAP-12495, "Review of Flow Peaking & Tube Fatigue in Diablo Canyon Units 1 & 2 Steam Generators" per FL Murphy Aug 1989 request.  
SHEFFER,J.D. Pacific Gas & Electric Co. IEB-89-092 90/02/05 Document Control Branch (Document Control Desk) 2pp 52719.124 52719.160

-9002230528 Forwards withholding of proprietary WCAP-12495, "Review of Flow Peaking & Tube Fatigue in Diablo Canyon Units 1 & 2 Steam Generators" from public disclosure.  
WIESEMAN,N.R. Westinghouse Electric Corp. AW-90-005 89/01/22 MURLEY,T.E. Document Control Branch (Document Control Desk) 10pp 52719.131 52719.140

-9002230535 WCAP-12495 "Review of Flow Peaking & Tube Fatigue in Diablo Canyon Units 1 & 2 Steam Generators"  
\* ALLIANCE, R.D. M.H. PATTERSON, T.A. Westinghouse Electric Corp. 89/11/30 20pp 52719.141 52719.160

9002260002 Forwards SER on NEDO 31558 concluding that alternatives proposed by BWR Owners Group unacceptable & recommending that BWR plants install culture tax monitoring instrumentation in compliance w/Conting 1 to Reg Guide 1.97  
BOYCE,M.L. Project Directorate 1-4 90/02/13 MHOCZKA,E.J. Connecticut Yankee Atomic Power Co. 2pp 52711.144 52711.145

-9002080254 Forwards SER concluding that GE NEDO 31558 "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys." submitted by BWR Owners Group 890401 Jr. unacceptable Environ qualification of equipment required.  
MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411) 90/01/20 FLOYD,S.D. BWR Owners Group. 1p 52711.146 52711.146

-9002080258 Safety evaluation on NEDO 31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys.", concluding that proposed functional criteria for monitoring instrumentation unacceptable.  
\* NRC - No Detailed Affiliation Given 90/01/29 5pp 52711.147 52711.151

9002260045 Forwards "BWFC Mixed Core Thermal Hydraulic Analysis," per NRC SER on BAW-10172P Encl withheld.  
TAYLOR,J.H. Babcock & Wilcox Co. JHT-89-10 90/02/01 WILSON,V. Planning, Program & Management Support Branch (Post 870411). 1p 52721.328 52721.328

9002260071 Forwards proprietary response to NRC 890725 questions re VIPRE core thermal hydraulic section of Topical Rept DPC-NE-3003 & Rev 2 to Pages 3-69,3-70,3-78 & 3-79 of rept Encls withheld (ref 10CFR2790)  
TUCKER,H.B. Duke Power Co. 90/02/20 Document Control Branch (Document Control Desk) 2pp 52753.264 52753.265

9002260126 Requests response to NRC 890931 ltr or withdrawal of C.E. topical SAR for dry cap cask (ref ISFSI by 900330 & advises that if response not received,NRC will terminate & destroy proprietary mail docketed.  
ROBERTS,J.P. Fuel Cycle Safety Branch 90/02/20 SCHERER,A.E. Combustion Engineering, Inc. 1p 52738.333 52738.333

9002260192 Notification of 800227 meeting w/Westinghouse Owners Group in Rockville,MD to discuss results re NRC Bulletin 88-011, "Pressurizer Surge Line Thermal Stratification."  
CHAN,T.L. Project Directorate V, IEB-88-011. 90/02/15 TRAMMELL,C.M. Project Directorate V. 3pp 52726.248 52726.250

9002260358 Forwards revised "Hafnium Rod Cluster Control Assembly Exam Guidelines."  
JOHNSON,W.J. Westinghouse Electric Corp. NS-NRC-89-3488 90/01/26 BERLINGER,C.H. Generic Communications Branch. 4pp 52739.036 52739.038

9002260401 Forwards Topical Rept CEN-393-NP, "Evaluation of Pressurizer Heater Sleeve Susceptibility to Primary Stress Corrosion Cracking."  
STERLING,C.E. Operating Plants Owners Group CECG-90-041 90/01/18 MIRAGLIA,F.J. Associate Director for Inspection & Technical Assessment (Post 870411) 1p 52725.316 52725.330

-9002260404 CEN-393-NP "Evaluation of Pressurizer Heater Sleeve Susceptibility to Primary Stress Corrosion Cracking."  
\* Combustion Engineering, Inc. 89/11/30. 15pp 52725.316 52725.330

9002260574 Requests that response to Generic Ltr 89-10, "Request for Action re Resolution of USI A-17, 'Safety Implication of Control Sys in LWR Nuclear Power Plants' be extended to 900534 Extension needed to allow utility time to review.  
FLOYD,S.D. BWR Owners Group. GL-89-10 90/02/16 PARTLOW,J.G. Associate Director for Projects (Post 870411) 1p 52753.286 52753.286

9002270044 Application for amendments to Licenses NPF-6 & NPF-17, allowing option of using B&W recirculating steam generator kinetic sleeve qualification for 3/4-inch OD tube repair process described in Topical Rept BAW-2045(P).  
TUCKER,H.B. Duke Power Co. 90/02/15 Document Control Branch (Document Control Desk) 10pp 52749.225 52749.242

9002270170 Discusses proposed acquisition of C.E. by Asia Power Brown Boveri Ltd. NRC concerned w/competitive implications associated w/ proposed acquisition to design & construct and generation of nuclear power plants.  
MCKENNA,M. Policy Development & Technical Support Branch (Post 870411) 10/02/02 GORDANO,B.T. Justice Dept. 2pp 52753.040 52753.041

9002270319 Provides additional info to Westinghouse ECOS evaluation model involving various modifications from Westinghouse evaluation of effects of modifications to model for full range LOCA & small break LOCA analyses results found a VANTAGE 5 analysis.  
BRIGGS,C. New York Power Authority (Formerly Power Authority of the State of New York) IEN-93-028 90/02/14 Document Control Branch (Document Control Desk) 1pp 52749.042 52749.026

9002270434 Provides additional info to support 890633 proposed amendments to License NPF-6, recirculating reactor circulation system instrumented to survive longer test intervals & allow outage times per GL Topical Rept NEDO-30851P.  
\* TILLEY,W.L. System Energy Resources, Inc. AFM-90/0956 90/02/10 Document Control Branch (Document Control Desk) 4pp 52748.200 52748.204

9002280068 Responds to LtrC 890121 safety evaluation of TLE base crankshaft oil line cracking problem at plant & advises that diesel generator testing & analysis underway to provide technical justification for increasing FO start-stop limit.  
HARDY,B.F. Southern California Edison Co. TAG-89097 90/02/21 Document Control Branch (Document Control Desk) 2pp 52779.216 52779.217

9003010223 Inform that NRC received YALC-1693, Rev 1 & that it should proceed w/ issuance of full topical rept using ref to YALC-1693, Rev 1 rather than to YALC-1693 as cited in NRC 891211 ltr.  
\* HARTLEY,M.D. Project Directorate 1-3 90/02/21 HEMPHILL,C.A. Vermont Yankee Nuclear Power Corp. 4pp 52761.104 52761.107

9003010416 Notification of 900201 meeting w/Westinghouse in Rockville, MD to allow Westinghouse to present experience in design, qualification & commercial operation of safety related parts supply.  
\* CHEN,P. Mechanical Engineering Branch 90/02/22 MANDSLU,S. Mechanical Engineering Branch. 1p 52791.110 52791.110

9003020076 Forwards Emergency Operating Procedures & Power Operation Insp Rept 89-245/89-19 on 891023-27. Operators & deficiencies noted in emergency operating procedures met meeting scheduled for 900301 in Region 1 to discuss issues.  
GALLAGHER, R. One of the Director 90/02/21 MHOCZKA,E.J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities) 2pp 52603.332 52603.346

-9003020079 Insp Rept 89-245/89-19 on 891023-27 Unresolved items noted. Major areas inspected review of selected deviations from Rev 4 to GE Topical Rept NEDO-31331, "Emergency Procedure Guidelines" & response to NRC Bulletin 88-007, Suppl 1.  
\* SISCO,C.E. CENTER Region 1 One of the Director IEB-89-007 90/02/21 13pp 52820.334 52820.346

9003020241 Forwards revised proprietary pages to DPC-NE-2004, "Core Thermal Hydraulic Methodology Using VIPRE 01," reflecting minor methodology changes made during review & approval process Pages withheld.  
TUCKER,H.B. Duke Power Co. 90/02/22 Document Control Branch (Document Control Desk) 2pp 52816.205 52816.206

9003050043 NRC Info Notice 90-018, "Potential Problems w/Cresby Safety Relief Valves Used on Diesel Generator Air Start Receiver Tanks." Svc list encl.  
HOSSIE,C. Division of Operational Events Assessment (Post 870411) 90/03/09 Consolidated Edison Co. of New York, Inc. 100pp 52963.203 52963.299

9003060120 Application for amend to License DPH-61, relocating Table 4-4.5, "Reactor Vessel Mat Surveillance Program-Withdrawal Schedule" from Tech Specs to updated FSAR & revising Figures 3-4.3.4 & 5 re thermal shield.  
\* MHOCZKA,E.J. Connecticut Yankee Atomic Power Co. MHOCZKA,E.J. Northeast Utilities. 013450 90/02/16 Document Control Branch (Document Control Desk). 6pp 52826.021 52826.156

-9003060246 WCAP-7036 "Connecticut Yankee Reactor Vessel Radiation Surveillance Program."  
\* YANICHKO,S.E. Westinghouse Electric Corp. 87/04/30. 65pp 52826.092 52826.156

9003060138 Forwards CEN-396 (L)-NP, "Verification of Acceptability of 1-Pin Burnup Limit of 60 MWD/KG for St Lucia Unit 2."  
\* SAGER,D.A. Florida Power & Light Co. L-80-73. 90/02/26 Document Control Branch (Document Control Desk) 1p 52856.005 52856.095

-9003060141 CEN-396 (L)-NP "Verification of Acceptability of 1-Pin Burnup Limit of 60 MWD/KG for St Lucia Unit 2."  
\* Combustion Engineering, Inc. 89/11/30. 80pp 52856.006 52856.085

9003060304 Corrected notification of 900301 meeting w/Westinghouse in Rockville, MD to discuss present experience in design, qualification & commercial dedication re safety-related parts supply.  
CHEN, P. Mechanical Engineering Branch 90/02/22 MARSH, L.B. Mechanical Engineering Branch 1p 52651 151-52651 151.

9003070061 Discusses research results on emergency procedures guidelines Rev 4, Contingency 3 re reactor depressurization during station blackout Handouts from paper presented by SA Hodge at 900214 meeting encl.  
BECKNER, W. Severe Accident Issues Branch 90/02/23 JONES, R.C. Reactor Systems Branch 87pp. 52890.312 52891.038

9003070373 Application for amendments to licenses DPR-70 & DPR-75, modifying Tech Spec Sections 4.1.1.3 & 3.1.1.3 & associated bases to change end-of-life negative temp coefficient limit WCAP-12452, "Safety Evaluation Supporting More Negative End-of-Life Moderator Temp Coefficient Tech Spec for Steam Units 1 & 2" encl.  
LABRUNA, S. Public Service Electric & Gas Co. of New Jersey NLR-90003 90/02/22 Document Control Branch (Document Control Desk) 9pp. 52869.053-52869.109

9003070381 WCAP-12452 "Safety Evaluation Supporting More Negative End-of-Life Moderator Temp Coefficient Tech Spec for Steam Units 1 & 2"  
GREEN, L. VERTES, C.M. MUTYALA, M. Westinghouse Electric Corp 89/11/30 38pp 52869.071-52869.109

9003080203 Application for amend to License NPF-21, allowing use of Cycle 6 reload fuel in plant. Changes to tested Tech Specs requested. Supporting reload analysis repts encl. Proprietary GE & ABB Atom repts withheld (ref 10CFR2.790(b)(4)).  
SORENSEN, G.C. Washington Public Power Supply System GO2-90-032 90/02/27 Document Control Branch (Document Control Desk) 15pp 52922.001-52922.177

9003080227 WPPSS EANF-126 "Washington Nuclear Plant-2 Cycle 6 Reload Summary Rept."  
WOLKENHAUER, W. Washington Public Power Supply System 90/02/28 42pp 52922.037-52922.078

9003080238 ANF-90-02 "Washington Nuclear Plant-2 Cycle 6 Reload Analysis"  
KRAJICEK, J.E. LEONARD, S.L. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) 90/01/31. 47pp. 52922.079-52922.125.

9003080240 ANF-90-01 "Washington Nuclear Plant-2 Cycle 6 Plant Transient Analysis"  
KRAJICEK, J.E. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) 90/01/31. 52pp. 52922.126-52922.177.

9003080420 Forwards Rev 0 to 23A6456, "Supplemental Reload Licensing Rept for Brunswick Steam Electric Plant Unit 2 Reload & Cycle 9" & proprietary Rev 0 to Suppl 2 to NEDO-31624P. Proprietary repts withheld (ref 10CFR2.790).  
LOFLIN, L.I. Carolina Power & Light Co. NLS-90-050 90/02/28 Document Control Branch (Document Control Desk) 4pp. 52923.025-52923.054.

9003080425 23A6456 R00 Rev 0 to "Supplemental Reload Licensing Rept for Brunswick Steam Electric Plant Unit 2 Reload & Cycle 9."  
LAMBERT, P.A. HILL, R.T., MOEN, S.C. General Electric Co. 90/01/31. 25pp. 52923.029-52923.054

9003080435 Forwards EAS-03-0180, "Core Spray Line Crack Growth Analysis Update for Brunswick Steam Electric Plant Unit 2." Util believes that plant can continue to operate safely w/crack during next fuel cycle & no restrictions required.  
LOFLIN, L.I. Carolina Power & Light Co. IEB-80-13 90/02/23 Document Control Branch (Document Control Desk) 2pp. 52896.177-52896.184

9003080440 EAS-03-0190 "Core Spray Line Crack Growth Analysis Update for Brunswick Steam Electric Plant Unit 2."  
CORNWELL, K.F. GORDON, G.M., RANGANATH, S. General Electric Co. 90/02/23. 16pp. 52898.179-52898.194.

9003090029 Provides addl info to assist NRC in reviewing License Change Request 87-15 re reduction of turbine valve test frequency, per guidance in WCAP-11525.  
LABRUNA, S. Public Service Electric & Gas Co. of New Jersey NLR-89219 90/02/26 Document Control Branch (Document Control Desk) 3pp. 52845.346-52845.348

9003090142 Forwards proprietary & nonproprietary Rev 0 to NFRS-0069, "Transient Analysis Envelope for Zion Units 1 & 2." Proprietary repts withheld (ref 10CFR2.790).  
CHRZANOWSKI, R. Commonwealth Edison Co. 07291. 90/02/27. MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 2pp. 52968.015-52968.202

9003090157 Requests withholding of proprietary Rev 0 to NFRS-0069, "Transient Analysis Envelope for Zion Units 1 & 2," from public disclosure (ref 10CFR2.790).  
WIESEMANN, R.A. Westinghouse Electric Corp. CAW-80-008 90/02/09 MURLEY, T.E. Office of Nuclear Reactor Regulation, Director (Post 870411) 12pp. 52966.017-52966.026.

9003090165 NFRS-0069 R00 Nonproprietary Rev 0 to "Transient Analysis Envelope for Zion Units 1 & 2."  
TAYLOR, D. KIM, H. TSAI, R. Commonwealth Edison Co. 89/11/21. 174pp. 52968.028-52968.202.

9003090202 Forwards nonproprietary & proprietary Rev 1, Suppl 2 to WCAP-12087 & WCAP-12067, "Reconciliation of Fatigue Crack Growth Results for South Texas Project Unit 1 Surge Line" per NRC Bulletin 88-011 WCAP-12067 withheld (ref 10CFR2.790).  
ROSEN, S.L. Houston Lighting & Power Co. ST-HL-AE-3370. 90/02/28 Document Control Branch (Document Control Desk) 6pp. 53052.328-53052.361.

9003090228 WCAP-12087 R01 S02 Nonproprietary Rev 1, Suppl 2 to "Reconciliation of Fatigue Crack Growth Results for South Texas Project Unit 1 Surge Line."  
WITT, F.J., COSLOW, B.J., LIU, T.H. Westinghouse Electric Corp. 90/02/28. 13pp. 53052.350-53052.361.

9003090378 Forwards listed proprietary & nonproprietary repts, including Rev 1 to XN-NF-82-20(NP)(A), "Exxon Nuclear Co Evaluation Model EXEM/PWR ECCS Model Updates" & Vol 1 to XN-NF-85-16(NP)(A) w/o stated proprietary repts.  
COPELAND, R.A. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) RAC 017-90. 90/02/22 Office of Nuclear Reactor Regulation, Director (Post 870411) 2pp. 52924.126-52924.117.

9003090382 XN-NF-82-20(NP)(A)R1 Rev 1 to "Exxon Nuclear Co Evaluation Model EXEM/PWR ECCS Model Updates"  
Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) 90/01/31. 54pp. 52924.128-52924.214.

9003090385 XN-NF-85-16(NP)(A)V1 Suppl 1-3 to Vol 1 to "PWR 17X17 Fuel Cooling Test Program."  
Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) 90/02/28. 251pp. 52924.215-52925.105

9003090390 XN-NF-85-16(NP)(A)R1 Rev 1 to Suppl 1, Vol 2 to "PWR 17X17 Fuel Cooling Test Program, Reload Quench Carryover & Heat Transfer Correlations"  
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9003090396 XN-NF-82-20(NP)(A)S4 Rev 1 to Suppl 4 to XN-NF-82-20(NP)(A), "Exxon Nuclear Co Evaluation Model EXEM/PWR Model Updates Adjustments to Flecht-Based Heat Transfer Correlations"  
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9003090397 XN-NF-82-20(NP)(A)S3 Rev 1 to Suppl 3 to XN-NF-82-20(NP)(A), "Exxon Nuclear Co Evaluation Model EXEM/PWR ECCS Model Updates Response to NRC Request for Addl Info"  
Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) 90/01/31. 86pp. 52925.322-52926.047.

9003140165 XN-NF-82-20(NP)(A)S1 Rev 1 to Suppl 1 to XN-NF-82-20(NP)(A), "Exxon Nuclear Co Evaluation Model EXEM/PWR ECCS Model Updates Revised Flecht-Based Reload Carryover & Heat Transfer Correlations"  
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9003090439 Forwards listed proprietary & nonproprietary topical repts re EXEM/PWR ECCS Model updates. Nonproprietary repts processed separately & not encl. Proprietary repts withheld.  
COPELAND, R.A. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) RAC 017-90. 90/02/22 Document Control Branch (Document Control Desk) 2pp. 52945.359-52945.360.

9003120135 Forwards proprietary "GE11 LTA Fuel Bundle Description for Cooper Nuclear Station Reload 13, Cycle 14." Util plans to load four fuel assembly lead test assemblies as part of plant Reload 13 End withhold (ref 10CFR2.790).  
TREVORS, G.A. Nebraska Public Power District. NLS9000084. 90/02/26 Document Control Branch (Document Control Desk) 7pp. 53007.038-53007.043.

9003120466 Notification of 900301 meeting w/BWR Owners Group MSIV & Leakage Control Sys Committee in Rockville, MD to discuss main steam line & condenser integrity.  
TROTTER, E. Project Directorate 1-2. 90/02/28. MURLEY, T., SNIEZEK, J. NRC - No Detailed Affiliation Given. MIRAGLIA, F. Associate Director for Inspection & Technical Assessment (Post 870411) 2pp. 52999.224-52999.225.

9003120633 Forwards nonproprietary Rept E117-1001, "NM-1000 Software Functional Spec" & proprietary Rept E117-1002, "NM-1000 Software Verification Program." Proprietary repts withheld (ref 10CFR2.790).  
ASMUSSEN, K.E. General Atomics (formerly GA Technologies, Inc./General Atomic Co.) 38 1520. 90/02/22 Document Control Branch (Document Control Desk) 4pp. 53007.044-53007.104.

9003120638 E117-1002 Partially deleted "NM-1000 Software Verification on Program"  
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9003120641 E117-1001 Partially deleted "NM-1000 Software Functional Spec"  
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9003120776 Forwards proprietary & nonproprietary Topical Repts WCAP-12374 & WCAP-12375, "Eagle 21 Microprocessor-Based Process Protection Sys." Application for withholding proprietary repts encl. WCAP-12374 withheld (ref 10CFR2.790).  
WALLACE, E.G. Tennessee Valley Authority. 90/03/01 Document Control Branch (Document Control Desk) 3pp. 52973.203-52973.305.

9003120781 Forwards affidavit requesting that proprietary WCAP-12374, "Eagle 21 Microprocessor-Based Process Protection Sys" be withheld from public disclosure (ref 10CFR2.790).  
WIESEMANN, R.A. Westinghouse Electric Corp. CAW-89-101. 89/09/21. MURLEY, T. Office of Nuclear Reactor Regulation, Director (Post 870411) 11pp. 52973.206-52973.216.

9003120784 WCAP-12375 Nonproprietary "Eagle-21 Microprocessor-Based Process Protection Sys."  
ERIN, L.E. Westinghouse Electric Corp. 89/09/30. 89pp. 52973.217-52973.305

9003130014 Notification of 900308 meeting w/BWR Owners Group in Rockville, MD to discuss hardened vent in Mark I plants.  
KUDRICK, J.A. Plant Systems Branch 90/03/02. MCCracken, C.E. Plant Systems Branch 2pp. 52999.232-52999.233.

9003130730 Forwards topical repts evaluation of GE Rept NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys" BWR Owners Group position unacceptable.  
DROMERICK, A.W. Project Directorate 1-4. TAC 51115. 90/02/28. FITZPATRICK, E. General Public Utilities Corp. - GPU Service Corp. 2pp. 52999.234-52999.241.

9003130733 Responds to BWR Owners Group Rept NEDO-31558, "Position on NRC Reg Guide 1.97, Rev 3 Requirements for Post-Accident Neutron Monitoring Sys" Category 1 designation appropriate. Topical repts unacceptable.  
MIRAGLIA, F.J. Associate Director for Inspection & Technical Assessment (Post 870411) 80/01/29. FLOYD, S.D. Carolina Power & Light Co. 1p. 52999.238-52999.239.



--9003130736 Safety evaluation of Topical Rept NEDO-31558, "Position on Reg Guide 1.97, Rev 3, Requirements for Post-Accident Neutron Monitoring Sys." Functional criteria for post-accident neutron flux monitoring instrumentation unacceptable  
\* Carolina Power & Light Co. 90/02/26 5pp 52999 237-52999 241.

9003140001 Forwards Rev 5 to GENPD-210A "QA Program Description of Nuclear Power Business QA Program," per AT Gcdy 900122 request NRC evaluation transmittal re encl per NUREG-0390  
SCHERER, E. Combustion Engineering, Inc. LD-90-016 90/02/22 WILSON, V.H. Planning, Program & Management Support Branch (Post 870411) 1p 53016 225-53016 274

--9003140002 GENPD-210A R05 Rev 5 to QA Program Description of Nuclear Power Business QA Program  
\* Combustion Engineering, Inc. 90/01/31 46pp 53016 226-53016 274

9003140005 Forwards Suppl 1 to NEDO-31466, "Tech Spec Screening Criteria Application & Risk Assessment," for NRC approval. Plant-specific Tech Specs & bases being developed & projected to be submitted during third quarter 1990  
FLOYD, S.D. BWR Owners Group BWRCG-9038 80/03/06 MURLEY, T.E. Office of Nuclear Reactor Regulation Director (Post 870411) 2pp 53019 042-53019 131.

--9003140008 NEDO-31466 S01 Suppl 1 to Tech Spec Screening Criteria Application & Risk Assessment  
\* General Electric Co. 90/02/28 87pp 53019 044-53019 131.

9003140226 Notification of 900323 meeting w/ABB in Rockville, MD to discuss NRC review status of current ABB topical reports & ABB plans for future topical report submissions  
PHILLIPS, L.E. Reactor Systems Branch 90/03/05 JONES, R.C. Reactor Systems Branch 2pp 53023 054-53023 054

9003140230 Forwards proprietary WCAP-12418 & proprietary WCAP-12417, "Median Signal Selector for Foxboro Series Process Instrumentation Application to Detection of Low ... Proprietary WCAP-12417 withheld (ref 10CFR2790(b)(4))  
WALLACE, E.G. Tennessee Valley Authority 90/03/01 Document Control Branch (Document Control Desk) 4pp 53019 170-53019 213

--9003140233 Requests that ref'd proprietary WCAP-12417, "Median Signal Selector for Foxboro Series Process Instrumentation," be withheld per 10CFR2790(b)(4).  
WIESEMAN, R.A. Westinghouse Electric Corp. CAW-89-110 90/01/10 MURLEY, T.E. Office of Nuclear Reactor Regulation Director (Post 870411) 9pp 53019 181-53019 189

--9003140243 WCAP-12418 "Median Signal Selector for Foxboro Series Process Instrumentation"  
MEHRINGOS, J.F. Westinghouse Electric Corp. 89/10/31 24pp 53019 190-53019 213

9003140314 Forwards description of objectives of peer group & fuel cycle data studies & preliminary groupings of Westinghouse NSSS units  
HICKMAN, D.E. Division of Safety Programs (Post 870413) 90/03/09 VOYTELL, K. Westinghouse Operating Plants Owners Group 11pp 53023 339-53023 310

9003140363 Interns that request for withholding NEDO-31628P, "SBV Solenoid Tolerances Analysis for Cooper Nuclear Station" granted  
O'CONNOR, P.W. Project Directorate IV (891001-900692) 90/03/02 TREVORS, G.A. Nebraska Public Power District 4pp 53009 324-53009 327

9003150146 Forwards brief description of objectives of peer group study & preliminary groupings of GE NSSS units Meeting w/BWR Owners Group screen frequency reduction subcommittee on topic scheduled for 900308  
HICKMAN, D.E. Division of Safety Programs (Post 870413) 90/02/28 HILL, H. General Electric Co. 1p 53047 195-53047 255

--9003150150 Forwards brief description of objectives of peer group study & preliminary groupings of GE NSSS units Meeting w/BWR Owners Group screen frequency reduction subcommittee on topic scheduled for 900308  
HICKMAN, D.E. Division of Safety Programs (Post 870413) 90/02/28 FLOYD, S. Carolina Power & Light Co. 10pp 53047 196-53047 205

9003150371 Forwards WCAP-12406, "Analysis of Capsule U From Duquesne Light Co Beaver Valley Unit 2 Reactor Vessel Radiation Surveillance Program." Rept provides summary of results of fracture toughness tests conducted on capsule.  
SIEBER, J.D. Duquesne Light Co. 90/02/23 Document Control Branch (Document Control Desk) 1p 53026 220-53026 326

--9003150384 WCAP-12406 "Analysis of Capsule U From Duquesne Light Co Beaver Valley Unit 2 Reactor Vessel Radiation Surveillance Program"  
MEYER, T.A., ANDERSON, S.L., ALBERTINI, L. Westinghouse Electric Corp. 89/09/30 106pp 53026 221-53026 326

9003160138 Summary of 900133 meeting w/GE Owners Group in Rockville, MD re recent activities & policy issues list of attendees & slides encl  
MENDIOLA, A.J. Division of Reactor Projects - VII (Post 870411) 90/02/27 BOGER, B.A. Assistant Director for Region I Reactors 61pp 53041 295-53041 355

9003160217 Forwards Rev 1 in Topical Rept TVA-NPOD89, "Nuclear Power Organization Description"  
WALLACE, E.G. Tennessee Valley Authority 90/03/09 Document Control Branch (Document Control Desk) 5pp 53039 161-53039 223

--9003160379 TVA-NPOD89 R01 Rev 1 to Topical Rept TVA-NPOD89, "Nuclear Power Organization Description"  
\* Tennessee Valley Authority 90/03/01 57pp 53039 166-53039 223

9003190080 Final response to FOIA request for records App H & releasable portions of App I records encl & available in PDR App I record partially withheld (ref FOIA Exemption 5).  
PHILLIPS, J.D. Division of Freedom of Information & Publications Services (Post 880205) 90/03/14 ROLFE, R.M. Hunton & Williams ROLFE, R.M. Long Island Lighting Co 4pp 53011 358-53011 009

--9003190086 Forwards Office of Investigations Rept 5-84-008 re TDI suspected falsification of QA & QC records  
STELLO, V. Ofc of the Executive Director for Operations 87/11/25 LIEBERMAN, J. Ofc of Inspection & Enforcement, Director (820201-870413) MURLEY, T.E. Office of Nuclear Reactor Regulation Director (Post 870411) MURRAY, J.P. Office of the General Counsel (Post 880701) 2pp 53012 008-53012 009

9003190114 Partial response to FOIA request for documents App G records encl Info in App G partially withheld (ref FOIA Exemptions 5, 6 & 7).  
GRIMSLEY, D.H. Division of Freedom of Information & Publications Services (Post 890205) 90/03/12 ROLFE, R.M. Hunton & Williams ROLFE, R.M. Long Island Lighting Co 4pp 53001 331-53001 039

--9003190142 Partially deleted memo forwarding results of interview re TDI engine & compressor cylindered use of noncertified parts in mfg of nuclear equipment per 830211 telcon  
VORSE, J.Y. Office of Investigations (Pre 880201) 83/02/14 HERR, R.K. Office of Investigations (Pre 880201) 8pp 53001 343-53001 350

--9003190155 Partially deleted memo forwarding results of interview re TDI engine & compressor cylindered use of noncertified parts in mfg of nuclear plant equipment  
VORSE, J.Y. Office of Investigations (Pre 880201) 83/03/01 ALDERSON, C.E. Office of Investigations (Pre 880201) 2pp 53001 351-53001 352

--9003190163 Partially deleted memo forwarding rept of inquiry Q5-83-035 re vendor use of improper parts in fabrication of diesel engines for use in nuclear power plants for appropriate action  
SHACKLETON, C.C. Office of Investigations (Pre 880201) 83/03/16 HERR, R.K. Office of Investigations (Pre 880201) 4pp 53001 353-53001 356

--9003190201 Partially deleted rept of inquiry re vendor use of noncertified parts in mfg of nuclear plant equipment  
BURCH, H.R. Office of Investigations (Pre 880201) 83/03/31 Office of Investigations (Pre 880201) 19pp 53001 357-53001 015

--9003190208 Partially deleted memo forwarding complaint & first discovery request re TDI activities for info & use as appropriate  
CENTON, H.R. Office of Nuclear Reactor Regulation Director (Post 870411) 85/10/15 HAYES, B.B. Office of Investigations (Pre 880201) 1p 53002 016-53002 016

--9003190220 Partially deleted first discussing violation re failure to disclose known or potential defects in equipment supplied to facility  
MARSH, R.G. Office of Investigations (Pre 880201) 87/09/16 Federal Bureau of Investigation 3pp 53002 017-53002 019

--9003190223 Partially deleted memo re review & analysis of investigation of TDI Case 5-84-008  
POWER, E.J. Office of Investigations (Pre 880201) IEB-83-03 87/05/26 MARSH, R.G. Office of Investigations (Pre 880201) 4pp 53002 020-53002 023

--9003190230 Partially deleted investigation Rept 5-84-008, "TDI Suspected Falsification of QA & QC Records"  
POWER, E.J., MARSH, R.G. Office of Investigations (Pre 880201) 87/11/04 16pp 53002 024-53002 019

9003190322 Forwards Topical Rept WCAP-12497, "Analysis of Capsule U From VEPCO North Anna Unit 2 Reactor Vessel Radiation Surveillance Program"  
STEWART, W.L. Virginia Power (Virginia Electric & Power Co.) 90/09/30/03/04 Document Control Branch (Document Control Desk) 2pp 53074 025-53074 105

--9003190327 WCAP-12497 "Analysis of Capsule U From VEPCO North Anna Unit 2 Reactor Vessel Radiation Surveillance Program"  
TEREK, E., ANDERSON, S.L., ALBERTINI, L. Westinghouse Electric Corp. 90/01/31 79pp 53074 027-53074 105

9003200084 Forwards proprietary presentation materials entitled, "Median Post Unit 2 Steam Generator Girth Weld" used during 900314 meeting in Rockville, MD encl withheld (ref 10CFR2790)  
JOHNSON, W.J. Westinghouse Electric Corp. NS-NRC-90-3497 90/03/14 BRINKMAN, D.S. Project Directorate I-1 2pp 53069 221-53069 222

9003210208 Notification of meeting w/EPRI & NUREG on 900322 in Rockville, MD to present & discuss EPRI plans for industry-wide motor-operated valve testing program for responding to Generic List 89-10.  
MARSH, L.B. Mechanical Engineering Branch GL-90-10 90/03/09 MURLEY, T., SNIEZKA, J., MIRAGLIA, F. NRC - No Data/Ref Affiliation Given 1p 53098 327-53098 327

9003210230 Forwards GEN-327-A & Suppl 1, "RPS/ESFAS Extended Test Interval Evaluation"  
STERLING, G.C. Operating Plants Owners Group CEOG-90-083 90/02/05 THADAN, J.C. Division of Systems Technology (Post 890827) 1p 53093 352-53093 211

--9003210232 GEN-327-A "RPS/ESFAS Extended Test Interval Evaluation"  
\* Combustion Engineering, Inc. 85/05/31 1,158pp 53093 353-53093 070

--9003210234 GEN-327-A S01 Suppl 1 to "RPS/ESFAS Extended Test Interval Evaluation"  
\* Combustion Engineering, Inc. 89/01/31 141pp 53097 071-53097 211

9003220202 Forwards WCAP-7908-A, "FACTRAN - FORTRAN IV Code for Thermal Transients in UO2 Fuel Rod," per request  
JOHNSON, W.J. Westinghouse Electric Corp. NS-NRC-90-3490 90/03/08 ROSS, L.C. Document Control Branch (Document Control Desk) 1p 53126 001-53126 038

--9003220204 WCAP-7908-A "FACTRAN - FORTRAN IV Code for Thermal Transients in UO2 Fuel Rod"  
HARGROVE, H.G., ROBERTSON, P.W. Westinghouse Electric Corp. 89/12/31 38pp 53126 002-53126 038

9003220203 Forwards App U to SSER 6 accepting U-1891030 submittal of turbine sys maint program based on proprietary GE rept, "Probability of Missile Generation."  
Turbine inservice tests can be established at six operating yrs  
MARTIN, R.E. Project Directorate I-1 TAC 63430 80/03/15 BURKHARDT, L. Niagara Mohawk Power Corp 3pp 53132 256-53132 270

--9003280011 App U to SSER 6 re probability of missile generation in GE nuclear turbines  
\* NRC - No Data/Ref Affiliation Given 90/03/15 10pp 53132 261-53132 270



## 334 NONDOCKETED ITEMS

9003220252 Forwards Rev 1 to YAE-1693-A "Application of One-Dimensional Kinetics to BWR Transient Analysis Methods," per NUREG-0390. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. BYV 90-030. 90/03/15. Document Control Branch (Document Control Desk). 1p. 53113.031-53113.070

9003220276 YAE-1693-A R01 Rev 1 to "Application of One-Dimensional Kinetics to BWR Transient Analysis Methods." ANSARI, U.A., CHANDOLA, V., LEFRANCOIS, M.P. Yankee Atomic Electric Co. 89/11/30. 63pp. 53113.002-53113.070

9003220278 Forwards "Method for Generation of One-Dimensional Kinetics Data for RETRAN-02," per NUREG-0390 & 891211 request. TREMBLAY, L.A. Vermont Yankee Nuclear Power Corp. BYV 90-031. 90/03/15. Document Control Branch (Document Control Desk). 1p. 53174.017-53174.096

9003220283 YAE-1694-A "Method for Generation of One-Dimensional Kinetics Data for RETRAN-02." CRONIN, J.T., CACCIAPCUTI, R., SLIFER, B.C. Yankee Atomic Electric Co. 89/06/29. 81pp. 53174.018-53174.089

9003230042 Summary of 900301 meeting w/BWR Owners Group MSIV & leakage control committee in Rockville, MD re status of work on main steam line & condensate system integrity. THOTTIER, E. NRC - No Detailed Affiliation Given. 90/03/12. NRC - No Detailed Affiliation Given. 18pp. 53128.353-53128.350

9003230072 Forwards proprietary "GEBx8NB Options 2 & 3 D-Lattice First Cycle Implementation." Rept clarified analysis procedure to account for GEBx8NB Options 2 & 3 D-Lattice offset fuel bundles placed in core w/nonoffset bundles Rept withheld. CHARLLEY, J.S. General Electric Co. MFN 020-50. 90/03/15. JONES, R.C. Reactor Systems Branch. 2pp. 53139.133-53139.140

9003230200 Forwards nonproprietary Vol 1 of Rev 2 to "Topical Rept for NJTECH Horizontal Modular Storage Sys for Irradiated Nuclear Fuel, NUHOMS-24P." MCCONAGHY, W.J. Pacific Nuclear Systems, Inc. WJW-00.027. 90/03/16. ROBERTS, J.P. Fuel Cycle Safety Branch. 4pp. 53174.124-53174.137

9003230202 NUH-002 V01 R02 Nonproprietary Vol 1 of Rev 2 to "Topical Rept for NJTECH Horizontal Modular Storage Sys for Irradiated Nuclear Fuel, NUHOMS-24P." Pacific Nuclear Systems, Inc. 90/03/31. 10pp. 53174.128-53174.137

9003260093 Requests that Thomas 890331 R to Polk forwarding "Software QA Assessment" & Rev 1 be released to PCR. GOJAY, T. Performance & Quality Evaluation Branch (Post 890101). 90/03/16. Document Control Branch (Document Control Desk). 1p. 53148.120-53148.229

9003260195 Forwards "Software QA Assessment," final rpt of Task Order 18 & Rev 1 to "Fact Finding Visit Approach Outline," Task Order 19. THOMAS, N.C. Science Applications International Corp. (formerly Science Applications, Inc.). NRC-05 86-162. 1-416. 03-715-030. 89/08/31. POLK, H. NRC - No Detailed Affiliation Given. 1p. 53148.130-53148.229

9003260197 "Software QA Assessment," final rpt of Task Order 19. Science Applications International Corp. (formerly Science Applications, Inc.). NRC-05 86-162. 89/08/31. NRC - No Detailed Affiliation Given. 37pp. 53148.131-53148.169

9003260201 Rev 1 to "Fact Finding Visit Approach Outline," Task Order 19. Science Applications International Corp. (formerly Science Applications, Inc.). NRC-05 86-162. 89/08/31. NRC - No Detailed Affiliation Given. 57pp. 53148.170-53148.229

9003260098 Forwards proprietary responses to 10 of 16 questions re review of BAW-10166P, per RC Jones 900119 request. TAYLOR, J.H. Babcock & Wilcox Co. JHT/90-38. 90/03/12. WILSON, V. Planning Program & Management Support Branch (Post 870411). 1p. 53156.242-53156.242

9003260127 Approves 900222 request to withhold Repts E117-1001 & E117-1002 from public disclosure (ref 10CFR2.780), based on listed reasons. ADAMS, A. Non-Power Reactors, Decommissioning & Environmental Pro. Dir. (891001-900602). 90/03/15. ASMUSSEN, K.E. General Atomics (formerly QA Technologies, Inc./General Atomic Co.). 4pp. 53169.105-53169.108

9003260135 Forwards responses to 3 of 4 questions re review of Topical Rept BAW-10166P. TAYLOR, J.H. Babcock & Wilcox Co. JHT/90-38. 90/03/12. WILSON, V. Planning Program & Management Support Branch (Post 870411). 12pp. 53148.117-53148.128

9003260219 Forwards nonproprietary Rev 0 to "Methodology for Identifying Potential Fluid Component Age-Related Degradation at Yankee Nuclear Power Station," per 900302 transmittal. GRANT, J.M. Yankee Atomic Electric Co. BYR 90-29. 90/03/13. SKOCZLAS, J.A. Document Control Branch (Document Control Desk). 1p. 53175.284-53175.334

9003260225 YAE-1727 R00 Nonproprietary Rev 0 to "Methodology for Identifying Potential Fluid Component Age-Related Degradation at Yankee Nuclear Power Station." Yankee Atomic Electric Co. 90/03/31. 40pp. 53175.285-53175.334

9003260261 Responds to NRC 900120 request for add'l info re WCAP-12024, "Trojan Plant: Evaluation for Tube Vibration-Induced Fatigue" for completion & closure of NRC Bulletin 88-002 Ant. vibration bar insertion depths for columns revised. COCKFIELD, D.W. Portland General Electric Co. IEB-88-002. 90/03/19. Document Control Branch (Document Control Desk). 10pp. 53175.347-53175.358

### WASTE MGT NUCLEAR WASTE MANAGEMENT

9002010158 Verifies 900222 meeting w/NRC in Denver, CO to discuss Durango site. MATTHEWS, M.L. Energy, Dept. of. 90/01/18. HALL, R.E. Uranium Recovery Field Ofc. R4. 1p. 53180.019-53180.018

9002060084 Forwards DOE/EA-0368, "Environ Assessment of Remedial Action at Monument Valley U Mine Tailings Site, Monument Valley, AZ." DCE proposed action w/ site specific remedial radioactive mail at Mexican Hat site in State of UT w/o encl. MATTHEWS, M.L. Energy, Dept. of. 90/01/20. NRC - No Detailed Affiliation Given. 1p. 53045.360-53045.360

9002070470 Forwards Durango dewatering project draw-downs measured at all available wells on dewatering cell through 900117. MATTHEWS, M.L. Energy, Dept. of. 90/01/31. HALL, R.E. Uranium Recovery Field Ofc. R4. 4pp. 52816.031-52816.034

9002090005 "Forms of Leak Retention on Pond at Durango COMUTRAP site. Since pond has double liner of 40 mil plastic w/2 ft of clay underneath leak in first layer of plastic should not present problems. Leak detection pipe will be monitored. MATTHEWS, M.L. Energy, Dept. of. 90/02/05. HALL, R.E. Uranium Recovery Field Ofc. R4. 1p. 53045.359-53045.359

9002130160 Forwards Project Interface Document (PID) 18-S-14 re Tuba City AZ site, for into PID as result of long-term surveillance & maint requirements. Locating fence on site boundary will provide better protection. MATTHEWS, M.L. Energy, Dept. of. 90/02/06. HAWKINS, E.F. Uranium Recovery Field Ofc. R4. 5pp. 53046.040-53046.044

9002130163 Forwards Project Interface Document (PID) 09-S-13 for Mexican Hat, UT, UMTRAP, for into PID addresses gradation test for large size material. MATTHEWS, M.L. Energy, Dept. of. 90/02/06. HALL, R.E. Uranium Recovery Field Ofc. R4. 2pp. 52816.005-52816.006

9002150185 Forwards draft surveillance & maint plan for Tuba City, AZ U mine tailings remedial action project site for comment by 900323. MATTHEWS, M.L. Energy, Dept. of. 90/02/08. HALL, R.E. Uranium Recovery Field Ofc. R4. 2pp. 53139.001-53139.002

9003200355 Draft "Surveillance & Maint Plan for Tuba City, AZ Dewatering Site." Energy, Dept. of. 90/02/28. 131pp. 53139.003-53139.131

9002150191 Forwards Project Interface Document (PID) 18-S-15 re Tuba City, AZ site, covering over-excavation of Toe Ditch 2. MATTHEWS, M.L. Energy, Dept. of. 90/02/13. HALL, R.E. Uranium Recovery Field Ofc. R4. 2pp. 53046.045-53046.046

9002220727 Forwards "Natural Resource Assessment Methodologies for Proposed High Level Waste Repository at Yucca Mountain, Nye County, NV." LOCKARD, D.W. Interior, Dept. of, Bureau of Mines. FIN D-1018. HLWR. 90/02/21. LEFEVRE, H. NRC - No Detailed Affiliation Given. 1p. 52746.001-52747.003

9002220728 "Natural Resource Assessment Methodologies for Proposed High Level Waste Repository at Yucca Mountain, Nye County, NV." RANEY, R.G., WETZEL, N. Interior, Dept. of, Bureau of Mines. FIN D-1018. HLWR. 90/03/01. Division of High-Level Waste Management (Post 870413). 358pp. 52746.002-52747.003

9002260093 Forwards Rev 2 to DOE/RW-0214, "QA Requirements Document." Rev represents change in format from Rev 1 to create single generic baseline document that addresses QA requirements for all program elements. SHELOR, D.E. Energy, Dept. of. HLWR. 90/02/16. Energy, Dept. of. 2pp. 52747.004-52747.009

9002260103 Rev 2 to DOE/RW-0214, "QA Requirements Document." SHELOR, D.E. Energy, Dept. of. HLWR. 90/02/01. 95pp. 52747.006-52747.009

9002260109 Forwards "Senda Sorption Data Mgt Sys Sorption Data for High Level Waste Repository in Basalt." LEIGH, C. Sandia National Laboratories. FIN A-1756. HLWR. 89/03/31. M.Q.T. Division of High-Level Waste Management (Post 870413). 1p. 52722.326-52723.157

9002260189 Summarizes items that should be submitted as part of final documentation for IMPACTS-NRC computer code, Version 2.0. Items that should be submitted to each organization listed. GLENN, C. Regulatory Branch. FIN A-1763. 90/02/20. ONEAL, B. Sandia National Laboratories. 2pp. 52826.166-52826.167

9002260200 Trip rpt of 900116-18 visit to Albuquerque, NM re issues on UMTRAP QA plan. FIEGEL, M., GILLEN, D. Operations Branch. 90/02/09. LOHAUS, P.H. Operations Branch. 6pp. 52738.350-52738.355

9002260211 Discusses policy highlights from 900124-26 low level waste forum meeting in San Francisco, CA. SALOMONSON, S. Operations Branch. 90/02/12. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 3pp. 52739.001-52739.003

9002260380 Requests updated list of waste svc companies licensed by Agreement States. List should include company name, address, phone, licensing authority & license number. LOHAUS, P.H. Operations Branch. 90/02/14. MILLER, V.L. Assistant Director for State Agreements Programs. 7pp. 52738.132-52738.138

9002260441 Forwards Rev 0 to "Geologic & Geophysical Evidence Pertaining to Structural Geology in Vicinity of Proposed Exploratory Shaft," technical assessment; review. Review rpt should assist NRC in technical exchange meeting on 900306. APPEL, G. Energy, Dept. of. HLWR. 90/02/22. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). 1p. 52711.153-52712.262

9002260445 YMP/90-2 R00 Rev 0 to "Geologic & Geophysical Evidence Pertaining to Structural Geology in Vicinity of Proposed Exploratory Shaft," technical assessment; review. LEE, R.C., PARSONS, M.W., DOBSON, D.C. Energy, Dept. of. HLWR. 90/01/31. 300pp. 52711.154-52712.252

9002260483 Accepts amended response to Site Deficiency Rept 452, Rev 0, resulting from Yucca Mountain project of QA Audit 89-05 of Reynolds Electrical & Engineering Co. Inc. HORTON, D.G. Energy, Dept. of. HLWR. 90/02/21. KENNEDY, J.E. NRC - No Detailed Affiliation Given. 12pp. 52747.100-52747.111

9002260499 Trip rpt of 900213 visit to West Valley, NY re solvent interceptor trench constructed by DOE. PITTLIGLO, C.L. Regulatory Branch. 90/02/22. BOYLER, R. Regulatory Branch. SUMMEIER, J. Technical Branch. 12pp. 52720.338-52720.349

9002260524 Responds to 891215 ltr re NRC observation audit rpt for Yucca Mountain project o/c Aud: 89.4 of USGS lists surveillance that will be conducted at USGS during next 4 months  
STEIN,R. Energy, Dept. of HLWR 90/02/20 LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120) 1p 52747 168-52747 168

9002260527 Advises that response to Std Deficiency Report 418, Rev 0, resulting from Yucca Mountain project o/c QA Audit 80-04 of USGS unsatisfactory Response is to address listed items mentioned as examples of deficiencies  
HORTON,D.G. Energy, Dept. of HLWR 90/02/15 KENNEDY,J.F. NRC - No Detailed Affiliation Given 9pp 52747-112 52747 120

9002260533 Forwards CNWRA 90-006, "Qualification Studies on Finite Element Code HONDO II Against Some Benchmark Analytical Problems" No comments requested  
STILTENFOLLE,B. Program Management, Policy Development & Analysis Staff (Post 870413) HLWR 90/02/22 MAJOR,R. Advisory Committee on Nuclear Waste 2pp 52762 001-52762 048

9002260535 Forwards CNWRA 90-005, "Qualification Studies on Finite Element Code HONDO II Against Some Benchmark Analytical Problems" No comments requested  
LATZ,J.E. Center for Nuclear Waste Regulatory Analyses NRC-02-88-035 HLWR 90/02/20 MACE,M.H. Division of Contracts & Property Management (Post 890205) 2pp 52762 003-52762 003

9002260537 Forwards CNWRA 90-036 "Qualification Studies on Finite Element Code HONDO II Against Some Benchmark Analytical Problems" No comments requested  
FOSSUM,A.F. WITTING,A.R., PATRICK,W.C. Center for Nuclear Waste Regulatory Analyses NRC-02-88-005 HLWR 90/02/28 NRC - No Detailed Affiliation Given 43pp 52762 004-52762 048

9002260543 Responds to 900126 ltr re whether archival program required for Vinyl Ester Styrene solidification samples. Archival/ surveillance program for low level waste under consideration by NRC  
TOKAR,M. Technical Branch 90/02/08 BURROUGHS,D.E. Diversified Technologies 1p 52740 042-52740 043

9002260546 Discusses workshop on cement solidification of low level radwaste on 900531-0802 UTI personnel concerned re potential upcoming requirement for establishing archival program for current solidification samples  
BURROUGHS,D.E. Diversified Technologies 90/01/26 TOKAR,M. Division of Low-Level Waste Management & Decommissioning (Post 870413) 1p 52740 043-52740 043

9002270246 Forwards page changes reflecting clarification & addl info requested by S Wastler on 900215 for inclusion into Green River final remedial action plan  
MATTHEWS,M.L. Energy, Dept. of 90/02/23 LOHAUS,P.H. Operations Branch 2pp 52753 048-52753 068

9002270249 Forwards schedule of NRC reviews for UMTRAP through FY95  
MATTHEWS,M.L. Energy, Dept. of 90/02/16 Energy, Dept. of 22pp 52758 139-52758 169

9002270254 Forwards comments on draft document entitled, "Collective Opinion on Safety Assessment," by Organization for Economic Cooperation & Development/NEA, per discussion at 900123-24 meeting held in Paris, France.  
BERNERO,R.M. Office of Nuclear Material Safety & Safeguards, Director, HLWR 90/02/26 ISAACS,T.H. Energy, Dept. of 18pp 52747 208-52747 225

9002270262 Identifies areas, including milestones & schedule info which should be subject of early interactions between NRC & DOE for discussion at 900320 meeting. Supporting info needed re recipient statements presented at Commission 891220 meeting  
BERNERO,R.M. Office of Nuclear Material Safety & Safeguards, Director, HLWR 90/02/26 DUFFY,L. Energy, Dept. of 6pp 52747 202-52747 207

9002270407 Trip rpt of 900129-31 visit to Princeton Univ for training course on ground-water contaminant transport & computer modeling. Recommends that course be taken by NRC staff & contractor flow & transport modelers. Viewgraphs incl  
JUSTUS,P.S. Geoscience & Systems Performance Branch (Post 880911) 90/02/27 BALLARD,R.L. Geoscience & Systems Performance Branch (Post 880911) 83pp 52752 304-52753 028

9002270455 Forwards "Observation Audit Rpt 90-1 for Yucca Mountain Project O/c Aud: 89-7 of LASL." Agrees w/preliminary audit team findings that LASL QA program inadequate in areas of procedures, training & audits & surveillances.  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120) HLWR 90/02/27 STEIN,R. Energy, Dept. of 3pp 52747 226-52747 248

9002270458 90-1 "Observation Audit Rpt 90-1 for Yucca Mountain Project O/c Aud: 89-7 of LASL."  
HOOKS,K.R. Repository Licensing & Quality Assurance Project Directorate (Post 881120) BRADBURY,J.W., POHLE,J. Geoscience & Systems Performance Branch (Post 880911) HLWR 90/02/14 18pp 52747 220-52747 246

9002280086 Forwards Task Order 74 to statement of work, "High Level Waste Mgt Audits," to obtain svcs of Science Applications Intl Corp for assistance orienting NMSS personnel in techniques of conducting effective QA audits  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120) HLWR 90/02/26 GILLESPIE,F.P. Program Management, Policy Development & Analysis Staff (Post 870411) 5pp 52747 297-52747 301

9002280226 Trip rpt of 900124 & 25 visit & briefing on geology & hydrostratigraphy underlying Ambrosia Lake tailings site. Tailings pile show evidence of erosion, has no interim cover.  
GRIMM,J. HALL,R.E. Uranium Recovery Field O/c, R4 90/02/05. Uranium Recovery Field O/c, R4 3pp 52759 315-52759 317

9002280232 Confirms substance of discussions at 900109 meeting re work performed in FY90 under FIN A-4171, "Evaluation & Compliance of DOE Waste Package Test Data." Work will continue to focus on degradation of waste package matts.  
PETERSON,C.H. Engineering Branch (Post 880911) FIN A-4171 90/01/18. FRAKER,A. National Institute of Standards & Technology (formerly National Bureau of Standards) 2pp 52747 302-52747 303

9003010089 Provides results of NRC 900223 review of draft preliminary licensing statement re Umeco heap leach site at Maybell, CO. State commended for high quality & thoroughness of statement.  
HALL,R.E. Uranium Recovery Field O/c, R4 90/02/16. QUILLIN,R.M. Colorado, State of 5pp 52761 291-52761 295

9003010260 Requests concurrence re Lakeview final ventilation rpt  
MATTHEWS,M.L. Energy, Dept. of 69/12/15 HALL,R.E. Uranium Recovery Field O/c, R4 2pp 52781 282-52781 083

9003010387 Trip rpt of 900205 visit to Alamosa, NM re review of geological data collected by DOE at Ambrosia Lake site. Tres Hermanos Unit C should be labeled as poorly sorted sandy mudstone not sandstone.  
GRIMM,J.P. Uranium Recovery Field O/c, R4 90/02/09. HALL,R.E. Uranium Recovery Field O/c, R4 3pp 52781 287-52781 288

9003010434 Forwards "Licensing Support Sys Prototype Test Rpt." Rpt summarizes findings of test conducted in Oct 1989. Findings from prototype test effort will directly influence functional design & specs for sub sys search & retrieval software.  
GRASER,D.J. Energy, Dept. of HLWR 90/02/26 ALTOMARE,P. NRC - No Detailed Affiliation Given 1p 52828 003-52828 087

9003010443 "Licensing Support Sys Prototype Test Rpt."  
Science Applications International Corp (formerly Science Applications, Inc.) HLWR 90/02/16 84pp 52829 004-52829 087

9003010445 Informs that concurrence re revised final ventilation rpt for site cannot be provided by 900131, per 891215 request. Full concurrence cannot be provided until groundwater & surface cleaned.  
HALL,R.E. Uranium Recovery Field O/c, R4 90/02/05 MATTHEWS,M. Energy, Dept. of 2pp 52791 169-52791 170

9003010462 Forwards UCHL-53781, "Waste Package Performance Assessment Deterministic Sys Model Program Scope & Spec." per 890905 request  
GERTZ,C.P. Energy, Dept. of HLWR 90/02/21 LINEHAN,J.J. NRC - No Detailed Affiliation Given 4pp 52829 088-52829 145

9003010466 UCHL-53781 "Waste Package Performance Assessment Deterministic Sys Model Program Scope & Spec."  
O'CONNELL,W.J., DRACH,R.S. Lawrence Livermore National Laboratory HLWR 86/10/31 52pp 52829 032-52829 145

9003010471 Forwards Rev 2 to "QA Requirements for Civilian Radwaste Mgt Program," for review & acceptance. QA requirements restructured to provide more uniform basis for program quality.  
APPEL,G. Energy, Dept. of HLWR 90/02/27. LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120) 2pp 52754 181-52755 081

9003010477 Rev 2 to "QA Requirements for Civilian Radwaste Mgt Program"  
SHELDON,D., ROUSSOS, Energy, Dept. of 90/02/01 269pp 52754 183-52755 081

9003010488 Forwards notice of upcoming meetings re NRC High Level Waste Mgt Program per 890927 FR notice  
LINEHAN,J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120) HLWR 90/03/05 NRC - No Detailed Affiliation Given 2pp 52829 001-52829 002

9003020088 Forwards radio log & engineering assessment for site w/o incl  
VIRGONA,J.E. Energy, Dept. of 93/01/30 BISCHOFF,E. Colorado, State of 2pp 52800 028-52800 033

9003050013 Forwards Project Interface Document 10-S-17-1, addressing depth survey monuments for site  
MATTHEWS,M.L. Energy, Dept. of 90/02/27. LOHAUS,P.H. Operations Branch 2pp 52846 301-52846 302

9003050150 Discusses review of Dec 1989 monthly ltr rpt for FIN A-4176, "Control of Engineering Properties of Bluminous Matts Used in Waste Solidification Processes."  
JAGANNATH,B. Technical Branch FIN A-4176-9 90/02/22 CLIFTON,J.R. National Institute of Standards & Technology (formerly National Bureau of Standards) 1p 52846 268-52846 268

9003050215 Informs of DOE compliance w/commitments re final technical eval on rpt for site w/exception of slightly higher moisture content of contaminated matts in disposal cell DOE should submit analysis demonstrating geotechnical stability.  
TOKAR,M. Technical Branch 90/02/22. FLIEGEL,M. Operations Branch 28pp 62846 263-52846 294

9003050222 Advises of review of monthly status ltr rpt for Dec 1989 for FIN L-1041-9, "Control of Bluminous Matts Used in Waste Solidification Processes - License Fees." No change to cost or delivery schedules for any task order authorized by ltr.  
JAGANNATH,B. Technical Branch FIN L-1041-9 90/02/22 CLIFTON,J.R. National Institute of Standards & Technology (formerly National Bureau of Standards) 1p 52836 331-52836 331

9003050230 Responds to discussions re impacts of large natl program review teams on regional operations & forwards list of questions to be presented & discussed w/each region during review of regional transportation insp programs.  
BANGART,R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413) 90/02/23. KNAPP,M.R. Region 1, O/c of the Director, STOHR,J.P. Region 2, O/c of the Director, NOELIUS,C.E. Region 3, O/c of the Director 3pp 52835 080-52835 082

9003050237 Responds to 900202 ltr requesting meeting re process for cement solidification of liquid radwaste & spent resins. JGC Corp plans to submit topical rpt describing solidification process.  
SURMEIER,J.J. Technical Branch 90/02/22. IMAZAKI,K. JGC Corp 1p 52846 309-52846 309

9003050270 Discusses governor of Commonwealth of MA certification re storage, disposal or mgt of any low level radwaste generated within state & requiring disposal after 921231.  
BERNERO,R.M. Office of Nuclear Material Safety & Safeguards, Director 90/02/27. LYTLE,J.E. Energy, Dept. of 3pp 52836 312-52836 330

9003050271 Ack receipt of governor's certification submitted by the Commonwealth of Puerto Rico to meet Section 5(e)(1)(C)(i) of Low Level Radwaste Policy Amends Act of 1995  
BERNERO,R.M. Office of Nuclear Material Safety & Safeguards, Director 90/02/27. LYTLE,J.E. Energy, Dept. of 2pp 52836 308-52836 311

9003050272 Forwards hydrogeologic insp. of Civ. chem. site Rept documents insp. activities & findings re hydrogeologic investigation plan being implemented at Civchem, Inc. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/02/27. KNAPP, M.R. Region 1, Ofc. of the Director. 6pp. 52836 302-52836 307

9003050291 Ack receipt of response from Governor Kunin did 900131 re status of state compliance w/1990 milestones under Low Level Radwaste Waste Policy Amend Act of 1985. BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director. 90/02/27. LITTLE, J.E. Energy, Dept. of. 3pp. 52836 259-52836 263.

9003050298 Confirms that NRC has not received governors certification for State of VT per 1990 milestones requirements of Low Level Radwaste Policy Amend Act of 1985. BERNERO, R.M. Office of Nuclear Material Safety & Safeguards Director. 90/01/16. KUNIN, M.M. Vermont, State of. 1p. 52836 262-52836 263.

9003050308 Concurs w/enc1 9003222 State of TX draft changes to U rules & MOU w/ State of TX Water & Railroad Commission Definition of byproduct mat. & provisions for financial security should receive high priority during upcoming meetings w/State BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). 90/02/27. MILLER, V.L. NRC - No Detailed Affiliation Given. 1p. 52825 209-52825 225.

9003050311 Forwards comments on State of TX U recovery regulations. Changes needed for compatibility finding listed. MILLER, V.L. NRC - No Detailed Affiliation Given. 90/02/26. DOCA, R. Region 4, Ofc. of the Director. 16pp. 52825 210-52825 225.

9003050314 Forwards review of revised radiological engineering assessment for Victory Property SK-0015. NRC can concur w/ recommendations remedial action & application of supplemental aids when open items, listed on enc1 cancelled. LOHAUS, P.H. Operations Branch. 90/02/23. MATTHEWS, M. Energy, Dept. of. 3pp. 52825 223-52825 231.

9003050319 Clarifies status of responses to NRC 890826 request for listed project of participant technical procedures. BLANCHARD, M.B. Energy, Dept. of. HLWR. 90/02/28. STABLEIN, K. Repository Licensing & Quality Assurance Project Directorate (Post 881120). 2pp. 52844 345-52844 346.

9003050324 Forwards Yucca Mountain project site rept for Dec 1989 & Jan 1990. Rept covers QA waste package & surface facility activities. GILRAY, J.W. NRC - No Detailed Affiliation Given. HLWR. 90/02/15. LINEHAN, J.J. Division of High Level Waste Management (Post 870413). 32pp. 52844 347-52845 016.

9003050328 Advises that BNLL proposal, "Source Term Evaluation for Low Level Waste Performance Assessment," acceptable. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). FIN. L-1403.0. 90/02/21. FJNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413). 1p. 52836 331-52836 331.

9003060052 Requests legal opinion on 300-1,000 yrs period for substantially complete containment of high level wastes within waste package under 10CFR60.113(a)(1)(iv)(A). BERNERO, R.M. Office of Nuclear Material Safety & Safeguards Director. HLWR. 90/03/02. PARLER, W.C. Office of the General Counsel (Post 880701). 3pp. 52845 095-52845 097.

9003060054 Notification of 900329 meeting w/DOE State of NV & affected local govts in Rockville, MD to discuss & schedule interactions w/DOE. HOLCOMB, C.H. Repository Licensing & Quality Assurance Project Directorate (Post 881120). HLWR. 90/03/02. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). 2pp. 52861 036-52861 037.

9003060061 Forwards for review UATR monthly audit/surveillance schedule update. HILL, S.R. Jacobs Engineering Group, Inc. 90/02/28. MATTHEWS, M.L. Energy, Dept. of. 3pp. 52855 355-52855 357.

9003060064 Advises that effective date for completion of committed corrective action to Site Deficiency Rept 173, Rev 0 resulting from Yucca Mountain project ofc QA Audit 88-06 of Sandia passed w/corrective action remaining incomplete. HORTON, D.G. Energy, Dept. of. HLWR. 90/03/01. HUNTER, T.O. Sandia National Laboratories. 5pp. 52845 099-52845 102.

9003060077 Advises that DOE w/ perform final insp for site scheduled for wk of 900409. MATTHEWS, M.L. Energy, Dept. of. 90/02/27. HALL, R.E. Uranium Recovery Field Ofc. RA. 1p. 52838 106-52838 106.

9003060082 Forwards comments on UMATRAP cover design at Green River, UT. Observations do not mean that Green River UMATRAP facility will fail to obtain 200-yr travel times. SMYTH, J.D. Sandia National Laboratories. 90/02/20. ROSS, F. NRC - No Detailed Affiliation Given. 2pp. 52856 098-52856 097.

9003060096 Forwards update to list of LLL publications at Las Vegas Library. WHITE, N.J. NRC - No Detailed Affiliation Given. HLWR. 90/02/27. TANAE, E. Division of High-Level Waste Management (Post 870413). 8pp. 52895 001-52895 008.

9003060108 Requests assistance in review of Barnwell license renewal application for disposal of 5 VM at Barnwell. SCS disposal site operated by Chem-Nuclear Sys, Inc. including determination if safeguards review required w/o enc1. LOHAUS, P.H. Operations Branch. 90/03/02. KASURI, D.J. Domestic SG & Regional Oversight Branch (Post 881218). 2pp. 52887 238-52887 299.

9003060122 Forwards Yucca Mountain project site rept for Dec 1989 & Jan 1990. PRESTHOLT, P.T. NRC - No Detailed Affiliation Given. HLWR. 90/02/13. LINEHAN, J.J. Division of High-Level Waste Management (Post 870413). 147pp. 52845 103-52845 248.

9003060129 Forwards computer disk of monthly rept for Dec 1989 & Jan 1990. \* NRC - No Detailed Affiliation Given. HLWR. 90/02/26. NRC - No Detailed Affiliation Given. 1p. 52979 001-52979 001.

9003060154 Forwards "Applicability of 10CFR60 Requirements to Exploratory Shaft Facility," prepared by DOE Rept documents DOE Technical Oversight Group evaluation of exploratory shaft facility design const. & operation. APPELG, E. Energy, Dept. of. HLWR. 90/02/27. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). 3pp. 52895 009-52895 025.

9003060300 "Applicability of 10CFR60 Requirements to Exploratory Shaft Facility" \* Energy, Dept. of. HLWR. 90/01/31. 1pp. 52895 012-52895 025.

9003060163 Suggests that NRC consider alternative to draft technical position, "Methods of Evaluating Seismic Hazard Present at Geologic Repository." Add regulatory guidance on data needs for seismic hazards unnecessary. APPELG, E. Energy, Dept. of. HLWR. 90/02/27. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). 3pp. 52845 092-52845 094.

9003060314 "Evaluation & Completion of DOE Waste Package Test Data," monthly status rept for Jan 1990 under FIN. A-4171-0. FRAKER, A.C. National Institute of Standards & Technology (formerly National Bureau of Standards). FIN. A-4171-0. 90/02/28. WELLER, R. Division of High Level Waste Management (Post 870413). 21pp. 52838 151-52838 173.

9003060320 Notification of 900321 meeting w/DOE State of NV & affected local govts in Rockville, MD to discuss QA Agenda under CELLIGATTI, M.S. Repository Licensing & Quality Assurance Project Directorate (Post 881120). HLWR. 90/03/06. HOLCOMB, C.H. Repository Licensing & Quality Assurance Project Directorate (Post 881120). 3pp. 52845 253-52845 252.

9003060321 Advises that 681107 & 680109 repts to State of NV Agency for Nuclear Project/Nuclear Waste Project Ofc. QA Program, Rev 2, acceptable. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). HLWR. 90/03/05. LOUX, R.R. Nevada, State of. 2pp. 52845 253-52845 254.

9003070191 Forwards Vol's 1 & 2 of CNWRA 90-003, "Identification & Evaluation of Regulatory & Institutional Uncertainties in 10CFR60." Repts document results of sys approach to such analyses which referred to as "Program Architecture." LATZ, J.E. Center for Nuclear Waste Regulatory Analyses. NRC 02-88-005. HLWR. 90/02/27. MACE, M.H. Division of Contracts & Property Management (Post 880205). 2pp. 52895 071-52895 322.

9003070192 CNWRA 90-003 Vol 1 Identification & Evaluation of Regulatory & Institutional Uncertainties in 10CFR60." Vol 2 Identification. WEINER, R.F., PATRICK, W.C., ROMINE, D.T. Center for Nuclear Waste Regulatory Analyses. NRC 02-88-005. HLWR. 90/02/28. NRC - No Detailed Affiliation Given. 47pp. 52895 073-52895 120.

9003070208 CNWRA 90-003 Vol 2 Identification & Evaluation of Regulatory & Institutional Uncertainties in 10CFR60." Vol 1 Identification. WEINER, R.F., PATRICK, W.C., ROMINE, D.T. Center for Nuclear Waste Regulatory Analyses. NRC 02-88-005. HLWR. 90/02/28. NRC - No Detailed Affiliation Given. 202pp. 52895 121-52895 322.

9003070205 Forwards Program Manager Periodic Rept 90-05. "CNWRA Program Manager Periodic Rept on Activities of CNWRA for Fiscal Reporting Period 900120 0216, for r/s. STILLENFOL, E. NRC - No Detailed Affiliation Given. HLWR. 90/03/06. YOUNGBLOD, B.J., GALLAGHER, J.L., BENTING, J. Division of High Level Waste Management (Post 870413). 2pp. 52845 323-52845 049.

9003070208 Forwards Program Manager Periodic Rept 90-05. "CNWRA Program Manager Periodic Rept on Activities of CNWRA for Fiscal Reporting Period 900120 0216." Proprietary cost portion of rept no longer transmitted as part of rept per request. LATZ, J.E. Center for Nuclear Waste Regulatory Analyses. NRC 02-88-005. HLWR. 90/03/02. FUNCHES, J.L. Division of High Level Waste Management (Post 870413). 1p. 52845 325-52845 049.

9003070293 PMFR 90-05. "CNWRA Program Manager Periodic Rept on Activities of CNWRA for Fiscal Reporting Period 900120 0216." \* Center for Nuclear Waste Regulatory Analyses. NRC 02-88-005. HLWR. 90/03/02. NRC - No Detailed Affiliation Given. 84pp. 52845 326-52845 049.

9003070349 Forwards Yucca Mountain project administrative procedures, including Rev 1 to AP-110Q, "Preparation, Review & Approval of Site Characterization Plan Study Plans" & Rev 0 to AP-519Q, "Interface Control." GILRAY, J.W. NRC - No Detailed Affiliation Given. HLWR. 90/03/06. STABLEIN, K. Division of High-Level Waste Management (Post 870413). 3pp. 52979 002-52979 054.

9003070351 Rev 1 to AP-110Q, "Preparation, Review & Approval of Site Characterization Study Plans." \* Energy, Dept. of. HLWR. 90/01/22. 21pp. 52979 005-52979 025.

9003070360 Rev 0 to AP-519Q, "Interface Control." GERTZ, C. Energy, Dept. of. HLWR. 89/06/15. 16pp. 52979 026-52979 041.

9003070362 Rev 0 to AP-617Q, "Determination of Importance of Items & Activities." \* Energy, Dept. of. HLWR. 90/03/19. 43pp. 52979 042-52979 084.

9003070392 Accepts responses to observations resulting from Yucca Mountain project ofc QA Audit 89-03 of Sandia Responses to Observations 89-03-01 & 05 unacceptable but no further action required. HORTON, D.G. Energy, Dept. of. HLWR. 90/02/27. HUNTER, T.O. Sandia National Laboratories. 43pp. 52845 287-52845 322.

9003080360 Advises that all correspondence should be addressed to R Stein during pending reorganization. STEIN, R. Energy, Dept. of. HLWR. 90/03/05. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). 1p. 52979 096-52979 096.

9003090147 Forwards proposed changes to site completion rept to reduce rept size & cost to produce. MATTHEWS, M.L. Energy, Dept. of. 90/03/05. LOHAUS, P.H. Operations Branch. 3pp. 52988 005-52988 007.

9003120092 Forwards summary of 800206-07 NRC/DOE technical exchange on hydrogeologic deposits. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). HLWR. 90/03/07. STEIN, R. Energy, Dept. of. 1p. 52983 084-52983 095.

-9003150263 Summary of 900206-07 NRC/DOE technical exchange on hydrogenic deposits in Las Vegas, NV re identification & characterization of hydrogenic deposits at Trench 14, Busted Butte & other localities near Yucca Mountain. ROSS, S.H. Repository Licensing & Quality Assurance Project Directorate (Post 891120). HLWR 90/03/06. Repository Licensing & Quality Assurance Project Directorate (Post 891120). 11pp. 52963.085-52963.095.

9003120089 Forwards notice of upcoming NRC/DOE technical/programmatic meetings. p. 840827 FR notice. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 891120). HLWR 90/03/12. Affiliation Not Assigned. 2pp. 53045.013-53045.014.

9003120710 Forwards Yucca Mountain project master list of controlled documents, denoting versions current as of 900226 list published on monthly basis to verify that documents possess are current & out-of-date must not be used for project work. NELSON, J.H. Science Applications International Corp. (formerly Science Applications, Inc.) HLWR 90/03/02. LINEHAN, J.J. NRC - No Detailed Affiliation Given. 29pp. 52979.210-52979.235.

9003120771 Forwards rev to FY90 proposed DOE/NRC interactions schedule through Oct 1990 Summary of changes made to previous rev of interactions schedule by topic listed. STEIN, R. Energy, Dept. of HLWR 90/03/08. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 891120). 4pp. 52979.171-52979.174.

9003120787 Forwards Yucca Mountain project o/c QA surveillance schedule for FY90 Schedule will be revised on monthly basis as required to reflect addl surveillance & other changes that have occurred. HORTON, D.G. Energy, Dept. of HLWR 90/02/26. KENNEDY, J.E. NRC - No Detailed Affiliation Given. 4pp. 52979.175-52979.178.

9003120790 Advises of closure of Std Deficiency Rept 157, Rev 0, resulting from Yucca Mountain project o/c QA Audit 88-04 of USGS. HORTON, D.G. Energy, Dept. of HLWR 90/03/02. HAYES, L.R. Interior, Dept. of, Geological Survey. 8pp. 52979.179-52979.186.

9003120785 Accepts amended response & closure of Std Deficiency Rept 043, resulting from Yucca Mountain project o/c QA Audit 87-04 of Science Applications Intl Corp. HORTON, D.G. Energy, Dept. of HLWR 90/02/26. NELSON, J.H. Science Applications International Corp. (formerly Science Applications, Inc.) 7pp. 52979.239-52979.245.

9003120799 Accepts responses to Std Deficiency Repts 432, 433, 435, & 444, Rev 0, resulting from Yucca Mountain project o/c QA Audit 88-03 of Sandia. HORTON, D.G. Energy, Dept. of HLWR 90/03/05. HUNTER, T.O. Sandia National Laboratories. 17pp. 52979.193-52979.209.

9003120803 Accepts amended response to Std Deficiency Rept 453, Rev 0, resulting from Yucca Mountain project o/c QA Audit 89-05 of Reynolds Electrical & Engineering Co., Inc. HORTON, D.G. Energy, Dept. of HLWR 90/03/05. PRITCHETT, R.F. Reynolds Electrical & Engineering Co., Inc. 6pp. 52979.187-52979.192.

9003120810 Forwards monthly issuance of schedules for selected UMTAP sites reflecting current & future key project activities in areas of site characterization, NEPA compliance, design development & remedial action const. MATTHEWS, M.L. Energy, Dept. of 90/03/05. LOHAUS, P. NRC - No Detailed Affiliation Given. 39pp. 52971.272-52971.310.

9003130648 Accepts responses to encl Std Deficiency Repts 460 through 471, Rev 0, resulting from Yucca Mountain project o/c QA Audit 89-07 of LASL. HORTON, D.G. Energy, Dept. of HLWR 90/03/06. HERBST, R.J. Los Alamos National Laboratory. 51pp. 52988.062-52988.112.

9003130674 Advises that Yucca Mountain Project O/c will conduct QA audit of LASL QA program plan & quality related activities on 900326-30 Audit areas listed. HORTON, D.G. Energy, Dept. of HLWR 90/03/06. HERBST, R.J. Los Alamos National Laboratory. 8pp. 53006.005-53006.012.

9003130690 Accepts response to Std Deficiency Rept 454, Rev 0, resulting from Yucca Mountain project o/c QA Audit 89-05 of Reynolds Electrical & Engineering Co., Inc. HORTON, D.G. Energy, Dept. of HLWR 90/03/07. PRITCHETT, R.F. Reynolds Electrical & Engineering Co., Inc. 5pp. 53006.013-53006.017.

9003130696 Accepts responses to observations resulting from Yucca Mountain project o/c QA Audit 89-07 of LASL Observations encl. HORTON, D.G. Energy, Dept. of HLWR 90/03/07. HERBST, R.J. Los Alamos National Laboratory. 61pp. 52988.001-52988.081.

9003140083 Provides proposed list of interactions to be discussed at 900320 interactions scheduling meeting & list of areas where App 7 visit may be useful interaction meeting on regulatory strategies proposed for Apr 1990. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 891120). HLWR 90/03/12. STEIN, R. Energy, Dept. of. 21pp. 53006.018-53006.044.

9003140077 Responds to 891221 request for views on dual regulation by NRC & EPA of mixed wastes & assertion that NRC expanded regulatory requirements for low level radioactive facilities. Concerns will be addressed in update to SRP (NUREG-1200). OENTON, R.R. Office of Nuclear Material Safety & Safeguards, Director. 90/03/05. PASTERNAK, A. California Radioactive Materials Management Forum. 12pp. 53018.079-53018.090.

9003140119 Forwards response to US Ecology requests to dispose of waste generated at plant & technical evaluation rept. Waste acceptable for disposal as Class C under license 18-19204-01. LOHAUS, P.H. Operations Branch. 90/03/07. ROBERTSON, G. Washington, State of. 3pp. 53000.284-53000.290.

-9003140131 Forwards technical evaluation rept re request for disposal of plant waste at Hanford. TOKAR, M. Technical Branch. 90/02/01. SHAFFNER, J.A. Operations Branch. 8pp. 53213.001-53213.008.

9003140142 Advises of completion of review of UMTAP QA plan & recommends use of accompanying DOE contractors on selected audits to measure effectiveness of program. PITTIGLIO, C.L. Regulatory Branch. 90/03/08. FLIEGEL, M.H. Operations Branch. 1p. 53001.238-53001.238.

9003140160 Responds to 900122 inquiry re NRC technical position on aerial monitoring of low level radioactive sites to identify existing levels of background radiation. NRC has no technical position specific to aerial monitoring. LOHAUS, P.H. Operations Branch. 90/03/08. MILLER, V.L. Assistant Director for State Agreements Program. 3pp. 53024.054-53024.056.

9003140184 Ack receipt of 900131 ltr re ECOSAFE HIC.55 high integrity container topical rept. Agrees w/B&W request to suspend work on topical rept for 60 days in order to decide on how licensing effort should proceed. TOKAR, M. Technical Branch. 90/03/13. HOWARD, R.L. Babcock & Wilcox Co. 2pp. 53018.351-53018.352.

9003140173 Forwards 900328 meeting notice for NRC meeting w/Pacific Nuclear System Enviro/ess high integrity container. Recommends that notice be sent to Agreement States. SURMEIER, J.J. Technical Branch. 90/03/13. MILLER, V.L. Assistant Director for State Agreements Program. 3pp. 53030.263-53030.265.

9003140191 Trip rept of 900226-0301 Waste Mgt. 90 Conference. "Working Towards Cleaner Environments" in Tucson, AZ. PITTIGLIO, C.L. Regulatory Branch. WIDMAYER, D.A. Technical Branch. 90/03/12. BOYLER, R. Regulatory Branch. SURMEIER, J.J. Technical Branch. 4pp. 53018.347-53018.350.

9003140319 Forwards Rev 1 to "Radiological & Engineering Assessment for Durango Vicinity Property DU-544/545S," in response to 900112 ltr. MATTHEWS, M.L. Energy, Dept. of. 90/02/14. HALL, R.E. Uranium Recovery Field O/c. R4. 1p. 53030.107-53030.108.

-9003140322 Rev 1 to, "Radiological & Engineering Assessment for Durango Vicinity Property DU-544/545S." \* MK-Ferguson Co. 90/02/14. 1p. 53030.108-53030.108.

9003140453 Ack receipt of 900206 ltr providing info re recently formed Fuel Cycle Facilities Forum. Comments requested on forum rulemaking petition to address contamination risks for soils in light of NRC efforts to develop interim criteria. BERNERQ, R.M. Office of Nuclear Material Safety & Safeguards, Director. 90/03/02. CULBERSON, D.G. Fuel Cycle Facilities Forum. 4pp. 53000.204-53000.208.

9003150029 Forwards FR notice re receipt of governors certification & related correspondence. LOHAUS, P.H. Operations Branch. 90/03/13. MEYER, D.L. Rules & Procedures Branch. 5pp. 53020.325-53020.343.

-9003150033 Notice of receipt of governors certification for Commonwealth of PR, supplementary info to governors certification for Commonwealth of MA & submittal from State of VT re status for 1980 milestone. LOHAUS, P.H. Operations Branch. 90/03/13. 3pp. 53020.330-53020.343.

9003150073 Requests assistance in providing comments on encl Sandia draft rept, "Guidelines for Judging Validity of Models for Performance Assessment." Rept provides guidelines for model validation developed by Sandia. BROWNING, R.E. Office of Nuclear Material Safety & Safeguards, Director. FIN A-1166. 90/03/12. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 891120). BUNTING, J.O. Engineering Branch (Post 890911). BALLARD, R.L. Geoscience & Systems Performance Branch (Post 890911). 33pp. 52995.248-52995.281.

9003150106 Requests technical assistance from BNL in areas of hydrogeology & geochemistry in support of UMTAP under FIN L-14110. Items in funding agreement for FY90 listed. BANGART, R.L. Division of Low-Level Waste Management & Decommissioning (Post 870413). FIN L-14110.0. 90/03/02. FUNCHES, J.L. Program Management, Policy Development & Analysis Staff (Post 870413). 1p. 53030.154-53030.154.

9003150140 Forwards VP milestone summary rept for Jan 1990, providing snapshot summary of progress on significant activities at each site & identifying bottlenecks. Contractors requested to inform C. Moore or C. Duran of incorrect data. HILL, S.R. Jacobs Engineering Group, Inc. 90/02/15. MATTHEWS, M.L. Energy, Dept. of. 3pp. 53035.088-53035.090.

9003150332 Ack receipt of 900208 draft surveillance & maint submittal. Review will not be completed by 900427. HALL, R.E. Uranium Recovery Field O/c. R4. 90/03/02. MATTHEWS, M.L. Energy, Dept. of. 2pp. 53026.062-53026.063.

9003150400 Forwards rept summarizing dewatering investigations at Durango, CO U Mill Tailings Remedial Action Site w/o encl. MATTHEWS, M.L. Energy, Dept. of. 90/02/22. HALL, R.E. Uranium Recovery Field O/c. R4. 1p. 53026.289-53026.289.

9003150423 Forwards DOE weekly rept for wks ending 900216 & 0302. PRESTHOLT, P.T. NRC - No Detailed Affiliation Given. HLWR. 90/02/14. LINEHAN, J.J. Division of High-Level Waste Management (Post 870413). 15pp. 53008.128-53008.142.

9003150432 Forwards inclusion/exclusion survey rept. MATTHEWS, M.L. Energy, Dept. of. 90/02/21. KONWINSKI, G. Uranium Recovery Field O/c. R4. 14pp. 53022.090-53022.103.

9003150433 Advises of closure of Std Deficiency Rept 452, Rev 0, resulting from Yucca Mountain project o/c QA Audit 89-05 of Reynolds Electrical & Engineering Co., Inc. HORTON, D.G. Energy, Dept. of HLWR. 90/03/08. PRITCHETT, R.F. Reynolds Electrical & Engineering Co., Inc. 4pp. 53006.143-53006.146.

9003150442 Forwards draft Procedure AP-2.4, "Participant Input to Technical Status Rept on Site Characterization." PRESTHOLT, P.T. NRC - No Detailed Affiliation Given. HLWR. 90/03/09. STABLEIN, K. Division of High-Level Waste Management (Post 870413). 1p. 53008.147-53008.153.

-9003200001 Draft Procedure AP-2.4, "Participant Input to Technical Status Rept on Site Characterization." \* Energy, Dept. of. HLWR. 90/02/20. 6pp. 53006.148-53006.153.

- 9003150454 Transmits draft USGS Open File Rept 89-133, "Feasibility Study of Seismic Reflection Method in Amargosa Desert, Nye County, NV." PRESTHCLT, P.T. NRC - No Dated Affiliation Given HLWR. 90/03/09. IBRAHIM, B. Division of High-Level Waste Management (Post 870413). 1p 53006 154-53006 317
- 9003150457 Forwards draft USGS Open File Rept 89-133, "Feasibility Study of Seismic Reflection Method in Amargosa Desert, Nye County, NV," as requested during 900123 meeting. BLANCHARD, M.B. Energy, Dept. of HLWR. 90/03/02. PRESTHCLT, P.T. NRC - No Dated Affiliation Given 1p 53006 155-53006 155
- 9003150462 89-133 DRFT Draft "Feasibility Study of Seismic Reflection Method in Amargosa Desert Nye County, NV." BROCHER, T.M., HART, P.E., CARLE, S.F. Interior, Dept. of, Geological Survey. HLWR. 89/12/31. 162pp 53006 156-53006 317.
- 9003160034 Forwards NRC comments on Radwaste Mgt Committee draft "Collective Opinion on Safety Assessment" per OECD/NEA 900131 ltr & 900216 DOE to NRC. NRC can not fully support conclusions presented on Page 15 of rept. ISAACS, T.H. Energy, Dept. of HLWR. 90/03/12. CLIVIER, J.P. Organization for Economic Cooperation & Development (Paris) 5pp 53036 293-53036 237
- 9003160060 Forwards notice of upcoming NRC/DOE technical/programmatic meetings, per 840827 FR notice. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). HLWR. 90/03/19. NRC - No Dated Affiliation Given 2pp 53013 034-53013 035
- 9003190018 Forwards "Surveyance of Yucca Mountain Project QA Program Qualification Audit 889-04) of USGS." STEIN, R. Energy, Dept. of HLWR. 90/03/12. BROWNING, R. Division of High-Level Waste Management (Post 870413). 4pp 53045 273-53045 288
- 9003190024 "Surveyance of Yucca Mountain Project QA Program Qualification Audit (89-04) of USGS." WEBER, C.E. Energy, Dept. of HLWR. 89/10/05. 12pp 53045 276-53045 288
- 9003190036 Forwards LASL study plans to be used in 900326-30 QA audit, including 8.3.1.2.2.2, "Water Movement Tests"; 8.3.1.2.2.5, "Diffusion Test in Exploratory Shaft (Draft)"; 8.3.1.3.2.1, "Mineralogy, Petrology & Chemistry Transport." HOOKS, K.R. Repository Licensing & Quality Assurance Project Directorate (Post 881120). HLWR. 90/03/16. Repository Licensing & Quality Assurance Project Directorate (Post 881120). 1p 53045 642-53045 272
- 9003190045 Study plan for Study 8.3.1.2.2.2, "Water Movement Tests." Los Alamos National Laboratory. HLWR. 89/01/31. 40pp. 53045 043-53045 075
- 9003190051 Study plan for Study 8.3.1.3.2.1, "Study Plan for Mineralogy, Petrology & Chemistry of Transport Pathways." Los Alamos National Laboratory. HLWR. 89/06/30. 51pp. 53045 078-53045 126.
- 9003190053 Draft "Study Plan for Diffusion Test in Exploratory Shaft." Energy, Dept. of HLWR. 88/10/31. 21pp 53045 127-53045 147.
- 9003190058 Draft "Study Plan for Probability of Volcanic Eruption Penetrating Repository." CROWE, B.M. Energy, Dept. of HLWR. 89/03/31. 31pp. 53045 148-53045 178
- 9003190060 Draft "Study Plan for Characterization of Volcanic Features." CROWE, B.M. Energy, Dept. of HLWR. 90/02/28. 94pp. 53045 178-53045 272
- 9003190143 Forwards DOE/YMO-89-16, "Preliminary Rail Access Study." GERTZ, C.P. Energy, Dept. of HLWR. 90/03/13. Document Control Branch (Document Control Desk) 2pp. 53045 289-53045 333.
- 9003190150 DOE/YMP-89-16 "Preliminary Rail Access Study." TAPPEN, J.J. Westinghouse Electric Corp. ANDREWS, W.B. Science Applications International Corp. (formerly Science Applications, Inc.) HLWR. 90/01/31. 42pp. 53045 291-53045 333
- 9003190226 Forwards paper entitled, "Comparison of EPA & NRC QA Requirements, Environ vs Nuclear QA, Complimentary or Conflicting" presented at 15th annual Energy Div Conference. ROSEBOOM, G. Interior, Dept. of, Geological Survey. HLWR. 90/03/16. BROWNING, B. NRC - No Dated Affiliation Given 1p 53045 334-53045 347.
- 9003190235 Paper entitled, "Comparison of EPA & NRC QA Requirements, Environ vs NRC QA, Complimentary or Conflicting" presented at 15th annual Energy Div Conference. WOLFE, D.W. Bechtel National, Inc. HLWR. 90/03/18. 13pp. 53045 335-53045 347
- 9003190240 Press release announcing public info meeting on 900327 in Rifle, CO to discuss FES on remedial action at inactive U mill tailings sites. LOUGHEAD, HOOPER, J. Energy, Dept. of HLWR. 90/03/12. 1p 53050 336-53050 336.
- 9003190316 "Yucca Mountain Project Ofc QA Audit Plan Audit 90-1, 900328-30, Los Alamos Observers." DANA, S. Energy, Dept. of HLWR. 90/03/30. 618pp. 53061 040-53062 297.
- 9003200382 Advises that USGS QA program has adequate controls in place to continue work & allow implementation of QA program & to initiate activities supporting new site characterization. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). HLWR. 90/03/16. STEIN, R. Energy, Dept. of 2pp. 53062 298-53062 299.
- 9003200371 Transmits results of detailed technical review of study plan "Evaluating Location & Recency of Faulting Near Prospective Surface Facilities." LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). HLWR. 90/03/16. STEIN, R. Energy, Dept. of. 27pp. 53062 300-53062 326.
- 9003200377 Accepts amended response to Std Deficiency Rept 451, Rev 0, resulting from Yucca Mountain Project Ofc QA Audit 89-05 re initiation of corrective action rept. HORTON, D.G. Energy, Dept. of HLWR. 90/03/13. PRITCHETT, R.F. Reynolds Electrical & Engineering Co., Inc. 7pp. 53062 327-53062 333.
- 9003200386 Accepts revised corrective action implementation dates for Std Deficiency Repts 038, Rev 2 & 080 & Rev 1, resulting from Yucca Mountain project QA Audit 87-1 re deficiencies in calibr field test pH meters & lack of calibr program. HORTON, D.G. Energy, Dept. of HLWR. 90/03/13. JARDINE, L.J. Lawrence Livermore National Laboratory. 6pp. 53062 334-53062 341.
- 9003200388 Forwards corrective action for Std Deficiency Rept 455 Rev 0 resulting from Yucca Mountain project Ofc QA Audit 89-05 re master list of controlled documents. HORTON, D.G. Energy, Dept. of HLWR. 90/03/13. PRITCHETT, R.F. Reynolds Electrical & Engineering Co., Inc. 5pp. 53062 342-53062 346.
- 9003210283 Forwards Vols 1 & 1a to "FES Remedial Actions at Former Union Carbide Corp U Mill Sites Rifle, Garfield County, CO." FES has been prepared to assess environmental impacts of proposed action to reduce radionuclide levels at Rifle site. MATTHEWS, M.L. Energy, Dept. of HLWR. 90/03/16. NRC - No Dated Affiliation Given 1p 53168 225-53168 156.
- 9003210288 DOE/EIS-0132-F Vol 1 Vol 1a to "FES Remedial Actions at Former Union Carbide Corp U Mill Sites Rifle, Garfield County, CO." Energy, Dept. of HLWR. 90/03/31. 412pp 53168 223-53168 274
- 9003210335 DOE/EIS-0132-F Vol 2 Vol 2a to "FES Remedial Actions at Former Union Carbide Corp U Mill Sites Rifle, Garfield County, CO." Energy, Dept. of HLWR. 90/03/31. 602pp 53168 275-53168 156
- 9003210345 DOE/RW-0217P "Progress Report on Scientific Investigation Program for Nevada Yucca Mountain Site, 8802915-890415 & 890416-0930." Energy, Dept. of HLWR. 90/02/28. 81pp 53122 001-53122 078
- 9003220105 Proposes that DOE/NRC meeting to discuss QA practices for scientific investigations be scheduled for mid-April 1990. STEIN, R. Energy, Dept. of HLWR. 90/03/09. BROWNING, R.E. Division of High-Level Waste Management (Post 870413). 1p 53144 031-53144 031
- 9003220178 Forwards resolution to trial two outstanding NRC issues re Green River final remedial action plan per 900314 to DOE. ROSIL, EVAC, F. Energy, Dept. of HLWR. 90/03/19. LOHAUS, P.H. Operations Branch 2pp 53123 145-53123 146
- 9003220181 Forwards update of Las Vegas NV library content, consisting of LLL publications on file. WHITE, J. NRC - No Dated Affiliation Given HLWR. 90/03/15. TANAKA, D. Division of High-Level Waste Management (Post 870413). 6pp 53122 111-53122 116
- 9003220266 "Mineral Evaluation of Yucca Mountain Addition, Nye County, NV." CASTOR, S.B., TINGLEY, J.V. Nevada, Univ. of, Reno, NV. FETTMAN, S.C. Desert Research Institute. HLWR. 89/12/27. 130pp. 53105 232-53105 361.
- 9003220314 Forwards US security threat for RW Galsler 900322 visit to Nevada test site W/o end. PRESTHCLT, P.T. NRC - No Dated Affiliation Given HLWR. 90/03/14. WEST, C. Energy, Dept. of 1p 53165 031-53165 001
- 9003230345 Forwards notice of upcoming NRC/DOE technical/programmatic meetings, per 840827 FR notice. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post 881120). HLWR. 90/03/26. NRC - No Dated Affiliation Given 2pp. 53122 109-53122 110
- 9003260041 Forwards Governors certification for Commonwealths of PR & MA & State of VT submittal re status for 1990 milestones under act Documents processed by NRC in manner similar to first 31 certifications received. CARR, K.M. Commissioners. 90/03/21. QUAYLE, J.D. Senate. President of the Senate. FOLEY, T.S. House of Rep., Speaker of the House. 1p 53150 016-53150 030
- 9002060401 Forwards Governors certification that state will provide for safe storage, disposal & mgmt of low level radwaste generated within territory. LAGUNA, A.J. Puerto Rico, Commonwealth of. 90/01/29. CARR, K. Commissioners 2pp 53150 017-53150 018
- 9002130071 Forwards mail to clarify & supply 1990 milestones certification on submitted on 891222. Confirms that Commonwealth of MA intends to manage low level radwaste with a state boundaries. DUKAKIS, M.S. Massachusetts, Commonwealth of. 90/01/31. BERNERO, R.M. Office of Nuclear Material Safety & Safeguards, Director 8pp 53358 344-53358 355
- 9003260055 Forwards summary of state certifications from 30 states & Washington, DC, per Low Level Radwaste Policy Amendments Act of 1985. CARR, K.M. Commissioners. 90/02/02. FOLEY, T.S. House of Rep., Speaker of the House 3pp 53150 028-53150 030
- 9003260067 Forwards "Radiological & Engineering Assessment (REA) Vicinity Property SK-0015, Rev 1," for concurrence REA updated to address items requiring clarification as identified in 900223 ltr. MATTHEWS, M.L. Energy, Dept. of HLWR. 90/03/20. LOHAUS, P.H. Operations Branch. 1p 53149 250-53150 015
- 9003260088 "Radiological & Engineering Assessment, Vicinity Property SK-0015 Rev 1." MK Ferguson Co. 90/03/20. 125pp. 53149 251-53150 015
- 9003260095 Forwards foreign travel trip report to France from 800120-28. BRADLEY, D.J. Battelle Memorial Institute, Pacific Northwest Laboratory. HLWR. 90/03/15. SHAY, S.P. Energy, Dept. of 27pp. 53144 087-53144 123
- 9003260287 Advises that Nuclear Waste Technical Review Board released first rept to Congress & Secretary of Energy which evaluated DOE technical & scientific work to date in characterizing Yucca Mountain Site in State of NV. Nuclear Waste Technical Review Board HLWR. 90/03/22. 7pp 53165 115-53165 121.
- 9003260488 Forwards Rev 5 to project ofc QA surveillance schedule for internal & external surveillances planned for next 4 months of FY90. HORTON, D.G. Energy, Dept. of HLWR. 90/03/19. KENNEDY, J.E. NRC - No Dated Affiliation Given. 4pp. 53165 109-53165 112.
- 9003260508 Advises that NEA will present results of OECD/LOFT project to Intl nuclear community at 800509-11 meeting in Madrid, Spain. GOLDSMITH, R. Organization for Economic Cooperation & Development (Paris) HLWR. 90/03/20. 2pp. 53168 150-53168 150.

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FRESTHOLT, P.T. NRC - No Detailed Affiliation Given. HLWR. 90/03/20  
STABLEIN, K. NRC - No Detailed Affiliation Given. 1p. 53165:168-53165:203

-9003270362 SEPDB QR 3-89 "Site & Engineering Properties Data Base (SEPDB)  
Quarterly Rept."  
KREBS-JEPERSEN, ADAMS, P.F., GONZALES, M.M. Sandia National Laboratories  
HLWR. 89/10/31. 38pp. 53165:167-53165:203

9003270368 Forwards DOE weekly reports for wks ending 900323 & 0309.  
FRESTHOLT, P.T. NRC - No Detailed Affiliation Given. HLWR. 90/03/20  
LINEHAN, J.J. Repository Licensing & Quality Assurance Project Directorate (Post  
881120). 14pp. 53165:204-53165:217

9003270397 Forwards reprints from Harwood Academic Publishers re site characteriza-  
tion of Yucca Mountain, NV, per request.  
BLANCHARD, M.B. Energy, Dept. of HLWR. 90/03/21. JUSTUS, P.S. NRC - No De-  
tailed Affiliation Given. 1p. 53165:218-53165:232

-9003280001 "Site Characterization of Yucca Mountain, NV," reprints from Harwood  
Academic Publishers  
BLANCHARD, M.B., CLANTON, U.S., ALEXANDER, D.H. Energy, Dept. of HLWR. 90/  
03/21. 14pp. 53165:219-53165:232

## WASTE RES WASTE MANAGEMENT RESEARCH REPORTS

9002220727 Forwards "Natural Resource Assessment Methodologies for Proposed  
High Level Waste Repository at Yucca Mountain, Nye County, NV."  
LOCKARD, D.J. Interior, Dept. of, Bureau of Mines. FIN D-1018. HLWR. 90/02/21  
LEFEVRE, H. NRC - No Detailed Affiliation Given. 1p. 52746:001-52747:003

-9002220728 "Natl Resource Assessment Methodologies for Proposed High Level  
Waste Repository at Yucca Mountain, Nye County, NV."  
RANEY, R.G., WETZEL, N. Interior, Dept. of, Bureau of Mines. FIN D-1018. HLWR. 90/  
03/01. Division of High-Level Waste Management (Post 870413). 358pp. 52746:002-  
52747:003.

9002260109 Forwards "Sandia Sorption Data Mgt Sys Sorption Data for High Level  
Waste Repository in Basalt."  
LEIGH, C. Sandia National Laboratories. FIN A-1756. HLWR. 80/03/31. M.O.T. Division  
of High-Level Waste Management (Post 870413). 1p. 52722:326-52723:157.

9002260189 Summarizes items that should be submitted as part of final documentation  
for IMPACTS-BRC computer code, Version 2.0. Items that should be submitted to each  
organization listed.  
GLENN, C. Regulatory Branch. FIN A-1763. 90/02/20. ONEAL, B. Sandia National Lab-  
oratories. 2pp. 52826:166-52826:167.

9002260232 Confirms substance of discussions at 900109 meeting re work performed  
in FY90 under FIN A-4171, "Evaluation & Compliance of DOE Waste Package Test  
Data." Work will continue to focus on degradation of waste package walls.  
PETERSON, C.H. Engineering Branch (Post 880911). FIN A-4171. 90/01/16.  
FRAKER, A. National Institute of Standards & Technology (formerly National Bureau of  
Standards). 2pp. 52747:302-52747:303.

9003050150 Discusses review of Dec 1989 monthly ltr rpt for FIN A-4176, "Control of  
Engineering Properties of Bituminous Mats Used in Waste Solidification Processes."  
JAGANNATH, B. Technical Branch. FIN A-4176-9. 90/02/22. CLIFTON, J.R. National  
Institute of Standards & Technology (formerly National Bureau of Standards). 1p.  
52846:268-52846:268

9003050222 Advises of review of monthly status ltr rpt for Dec 1989 for FIN L-1041-9,  
"Control of Bituminous Mats Used in Waste Solidification Processes - License Fees."  
No change to cost or delivery schedules for any task order authorized by ltr.  
JAGANNATH, B. Technical Branch. FIN L-1041-9. 90/02/22. CLIFTON, J.R. National  
Institute of Standards & Technology (formerly National Bureau of Standards). 1p.  
52836:331-52836:331.

9003060314 "Evaluation & Compilation of DOE Waste Package Test Data," monthly  
status rpt for Jan 1990 under FIN A-4171-0.  
FRAKER, A.C. National Institute of Standards & Technology (formerly National Bureau of  
Standards). FIN A-4171-0. 90/02/28. WELLER, R. Division of High-Level Waste Man-  
agement (Post 870413). 21pp. 52838:163-52838:173.

9003150073 Requests assistance in providing comments on encl Sandia draft rpt.  
"Guidelines for Judging Validity of Models for Performance Assessment." Rpt pro-  
vides guidelines for model validation developed by Sandia.  
BROWNING, R.E. Office of Nuclear Material Safety & Safeguards, Director. FIN A-  
1165. 90/03/12. LINEHAN, J.J. Repository Licensing & Quality Assurance Project Di-  
rectorate (Post 881120). BUNTING, J.O. Engineering Branch (Post 880911).  
BALLARD, R.L. Geoscience & Systems Performance Branch (Post 880911). 33pp.  
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9004240218 Forwards updated list of all pending NRC export license  
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WRIGHT, B.L. Assistant Director for International Security (Pre 890226). 89/04/11.  
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07/05. DELABARRE, R. State, Dept. of. 5pp. 50501:174-50501:178

9008100100 Forwards updated list of pending NRC export license applications & lists of  
now applications received in July & cases completed in July.  
WRIGHT, B.L. International Programs. 89/08/04. DELABARRE, R. State, Dept. of.  
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8909110314 Forwards updated list of pending NRC export license applications & list of  
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WRIGHT, B.L. Assistant Director for International Security (Pre 890226). 89/09/05.  
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9011100060 Forwards updated list of all pending NRC export license applications & list  
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51467:140-51467:143

9011140093 Forwards updated list of all pending NRC export license applications & lists  
of new applications received in Oct & cases completed in Oct.  
WRIGHT, B.L. International Programs. 89/11/08. DELABARRE, R. State, Dept. of. 4pp.  
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9001220109 Forwards updated list of all pending NRC export license applications, new  
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WRIGHT, B.L. International Programs. 90/01/16. DELABARRE, R. State, Dept. of. 4pp.  
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9002020161 Requests Executive Branch position re encl application for license to  
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SCHECHTER, H.B. Asst. Dir. for Intl. Security, Exports & Mats Safety (Post 890226).  
90/01/24. THORNE, C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific  
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9002260054 Forwards application for amend to license to export low enriched U for use  
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PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mats Safety (Post 890226).  
90/02/05. THORNE, C.E. State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific  
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9002260108 Advises that 800513 application for license to export 5 kg low enriched U  
to Brazil denied.  
PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mats Safety (Post 890226).  
90/02/15. HUDEC, W.S. Westinghouse Electric Corp. 1p. 52727:012-52727:013.

9002260117 Forwards updated list of pending NRC export license applications & now  
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WRIGHT, B.L. International Programs. 90/02/15. DELABARRE, R. State, Dept. of,  
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9002260196 Forwards application for License XSNM-2505 to export low enriched U for  
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PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mats Safety (Post 890226).  
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9002260207 Forwards Shie'd Source, Inc. 900202 ltr re application for Export License  
XB-1277 to be considered in conjunction w/900123 application.  
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Japan, Govt. of. 90/01/18. U.S. Embassies. 15pp. 52753:309-52753:323.

9002260330 License for Edlow Intl Co to export 16.08 kg U-235, contained in 80.6 kg  
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9002270093 Provides addl info re 900103 application for license to export 113 kg thor-  
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COLTONE, Cerac, Inc. 5882. 90/02/02. WRIGHT, B. NRC - No Detailed Affiliation  
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HEGARTY, W. Shield Sources, Inc. 90/02/02. WRIGHT, B. International Programs. 1p.  
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9003080469 Application for license to export 14,550 kg deuterium oxide to Canada PIZZON, A. Adrich Chemical Co., Inc. (subs. of Sgts Adrich Corp.) 90/02/16 1p 52908 332-52908.332

9003090264 Forwards Export License Application XCOM-0962 for export of reactor components to India Requests info whether Bingham, Wilamette Co. st. actively pursuing Ind order or if pending application can be withdrawn. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) 90/03/02 REYNOLDS, O.C. Guy F. Atkinson Co. 1p 52949 055-52949 058

9003120349 Returns applications for licenses to export utilization facility & nuclear fuel to Egypt Requests that NRC be notified if vendor st. actively pursuing Egyptian order & needs licenses. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) 90/03/02 HJDECE, W.S. Westinghouse Electric Corp. 1p 52958 325-52958 332

9003120374 Forwards updated list of all pending NRC export license applications received & completed in Feb '90. WRIGHT, B.L. International Programs 90/03/02 DELABARRE, R. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs 4pp 53013 234-53013.237

9003120408 Executive Branch position re Carpenter Technology Corp application to export 14 Zircaloy tubes to Norway License should be issued. STRATFORD, R.J. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs 90/02/23 SHEA, J.R. International Programs 2pp 52998 294-52998 295

9003140335 Requests Executive Branch position re Adrich Chemical Co application for license to export deuterium oxide to Canada. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) 90/03/06 THORNE, C.E. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs 1p 53016 275-53016 276

9003150054 Executive Branch position re Shield Source, Inc application for license to export 20,000 Ci bulk gaseous tritium to Canada Recommends that license be issued, subj to stated provisos. STRATFORD, R.J. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs 90/03/01 SHEA, J.R. International Programs 1p 53032 181-53032 181

9003150084 Application for license to export 184 kg U-235, as enriched UO2 powder to Japan. UEMURA, S. Marubeni America Corp (subs. of Marubeni Corp.) JJ-5715. 90/02/21 1p 53032 199-53032 199

9003150147 Executive Branch position re Shield Source, Inc application for license to export 200,000 Ci bulk gaseous tritium to Canada Recommends license be issued, subj to listed provisos. STRATFORD, R.J. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs 90/03/01 SHEA, J.R. International Programs 1p 53032 255-53032 255

9003150212 Requests that shipping agent be noted on Export License XSNM-2494 Shipping agent address stated. HUNTER, J.R. Energy, Dept. of 90/03/01 PETERSON, M.R. International Programs 1p 53047 117-53047 117

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9003150232 Application to amend license XSNM-2189 to extend expiration date to 910331 & increase quantity of mail to 28,500 kg U. QUAIN, P.B. Transnuclear, Inc. 90/03/01 CONGDON, M. NRC - No Detailed Affiliation Given. 1p 53025 252-53025 252

9003150241 Forwards application for license to export 24.4 kg U-235 in 723.6 kg U in form of UF6 to Sweden. QUAIN, P.B. Transnuclear, Inc. 90/03/02 PETERSON, M. NRC - No Detailed Affiliation Given. 1p 53026 064-53026 067

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9003150302 Responds to 900207 fax re US export regulations Cladding tubes not to be included in calculations. PETERSON, M.R. Assistant Director for International Security (Post 890226) 90/03/06 UTZ, E.M. Siemens Corp. 1p 53025 269-53025 269

9003150311 License for Carpenter Technology Corp to export 14 pieces of reactor grade Zircaloy 4 tubes to Norway. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) 90/03/06 1p 53025 330-53025 330

9003190187 Forwards application for license to export low enriched U to Japan Assistance in obtaining necessary assurances requested. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) 90/03/08 THORNE, C.E. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs. 1p 53050 355-53050 358

9003190200 Forwards Transnuclear, Inc 900301 ltr requesting amend to export license extending expiration date & increasing quantity of original mail authorized for export to Sweden to 28,500 kg. PETERSON, M.R. Office of Governmental & Public Affairs (Post 870413) 90/03/09 HART, T. Energy, Dept. of. 1p 53048 138-53048 139

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9003190225 Forwards application for license to export fuel elements to Romania Requests that application be reviewed NRC should be advised whether DOE still actively pursuing Romanian order or whether application can be withdrawn. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) 90/03/08 HART, T. Energy, Dept. of. 1p 53050 293-53050 303

9003190247 Responds to 900110 request for confirmation of application for amend to license XSNM-2138 Ultimate consignee authorized to possess & receive mat. MOU-SHID, D. Coordination Council for North American Affairs. EC-79 007 90/02/21 LAUX D. American Institute in Taiwan 1p 53067 105-53067 105

9003190258 Forwards ltr of assurance from Coordination Council for North American Affairs re processing of nuclear export license application for Taiwan W/o encl. ELLS, C.N. American Institute in Taiwan 90/03/01 THORNE, C.E. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs 1p 53050 252-53050 252

9003190277 Provides confirmation for transfer of nuclear mat as identified in license Korea Electric Power Corp, ultimate consignee, authorized to receive & possess nuclear mat. CHUNG, YACK-P. Korea Republic of (South Korea) 90/03/09 ROONEY, J.M. Energy Dept. of 1p 53057 104-53057 104

9003190304 License for Hi-Mark Research Ltd, Inc to export 953 kg bulk nuclear-grade graphitic to Japan. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) 90/03/13 1p 53066 216-53066 216

9003190370 Forwards application for license to export low enriched U for conversion & fabrication in Sweden. PETERSON, M.R. International Programs 90/03/12 HART, T. Energy, Dept. of 1p 53050 277-53050 281

9003200232 License for Shield Source, Inc to export 20,000 Ci tritium gas to Canada. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) 90/03/09 1p 53075 090-53075 093

9003200298 Executive Branch position re Hi-Mark Research Ltd, Inc application to export 953 kg nuclear grade graphite Recommends that license be issued. STRATFORD, R.J. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs 90/03/12 SHEA, J.R. International Programs 1p 53078 280-53078 280

9003200302 Provides correction to 900201 ltr re Transnuclear, Inc application for amend to license XSNM-2405 Ltr dte 900216 informs that AEA Technology of Downside, Scotland will not be immediate consignee on license. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) 90/03/12 THORNE, C.E. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs 1p 53075 163-53075 164

9003200419 Informs that AEA Technology intends to fabricate test fuels in future & should not be listed on export license XSNM-2405. QUAIN, P.B. Transnuclear, Inc 90/02/16 CONGDON, M. NRC - No Detailed Affiliation Given. 1p 53075 164-53075 164

9003200327 Forwards application for license to export 49.6 kg U-235, contained in 954.75 kg U in form of UF6 to Sweden. QUAIN, P.B. Transnuclear, Inc. MIS-508 90/03/09 PETERSON, M. NRC - No Detailed Affiliation Given. 1p 53071 232-53071 235

9003200335 Application for license to export 40.6 kg U-235, contained in 954.75 kg U in form of UF6 to Sweden. QUAIN, P.B. Transnuclear, Inc. MIS-508 90/03/09 3pp 53071 233-53071 235

9003200349 License for Transnuclear, Inc to export 751 kg U-235, contained in 21,132 kg U to South Korea. PETERSON, M.R. Asst. Dir. for Intl. Security, Exports & Mails Safety (Post 890226) MIS-506 90/03/14 1p 53071 238-53071 238

9003200363 Application for license to export 81 lb manifold Model SPVS/C Part 281419-9001 to Argentina. TILLOTSON, C.P. Marotta Scientific Controls, Inc. SO 73496 90/03/12 1p 53071 257-53071 261

9003200368 Application for license to export 5 lb Manual Model HVL6B1, Part 281420-9001, 3 lb spare body, Part 181166-9036 & 1 lb spare plate & bellows assembly, Part 234487-9001 to Argentina. TILLOTSON, C.P. Marotta Scientific Controls, Inc. SO 78550 90/03/12 1p 53071 258-53071 258

9003200372 Forwards application for license to export listed parts to Argentina. TILLOTSON, C.P. Marotta Scientific Controls, Inc. 90/03/12 WRIGHT, B. NRC - No Detailed Affiliation Given. 1p 53071 259-53071 261

9003200365 Forwards application for license to export 953 kg bulk nuclear-grade graphite to Japan. JOHNSON, G.A. Hi-Mark Research Ltd., Inc. 90/03/09 WRIGHT, B. International Programs 2pp 53071 170-53071 174

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9003200394 Application for extension of license to import UF6 from South Africa or Namibia until 950630. No increase in quantity or enrichment requested. MALODY, C.W. Advanced Nuclear Fuels Corp. (formerly Exxon Nuclear Co., Inc.) CWM 90.041. 90/03/12 PETERSON, M.R. International Programs. 1p 53071 169-53071 169

9003220193 Executive Branch position re DOE application to export residual nuclear mat immobilized in glass sealed canisters. Recommends that license be issued. STRATFORD, R.J. State, Dept. of Bureau of Oceans & Intl. Environ. & Scientific Affairs. 90/03/18 SHEA, J.R. International Programs. 2pp 53123 119-53123 120

9003220211 Forwards application for license to export 542 kg U hexafluoride to Japan for conversion & fabrication into fuel for Sendai 2 & Genkai 1 nuclear power stations. RAVENSCROFT, N. Edlow International Co. 90/03/13 WRIGHT, B. NRC - No Detailed Affiliation Given. 1p 53123 016-53123 017

9003220213 Application for license to export 542 kg U as U hexafluoride to Japan. RAVENSCROFT, N. Edlow International Co. KLK-54. 90/03/13 1p 53123 017-53123 017

9003220212 Forwards application for license to export low enriched U for use in Sweden Ltr of assurance required  
PETERSON,M.R. Assistant Director for International Security (Pre 890226) 90/03/16.  
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PETERSON,M.R. Assistant Director for International Security (Pre 890226) 90/03/15.  
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9003220228 Forwards application for license to export bulk nuclear grade graphite for use as electrodes in electrical discharge machining to Japan.  
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9003220232 Application for broad long-term export license to include balance of graphite to be delivered monthly over next 6 months.  
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RAVENSCROFT,N. Edlow International Co. KLK-55 90/03/13 1p 53126-046-53126-046

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| ADENSAM, E.G.   | 0003230180*      | 50-348 P         | ANSARI, U.A.   | 0003220278*      | 50-271 P         | BAKER, M.N.      | 0003210260*      | PROJ             |
| ADENSAM, E.G.   | 0003230201*      | 50-395 P         | ANTHONY, P.M.  | 0003070070*      | 50-341 R         | BAKER, R.D.      | 0003120219*      | 50-388           |
| AGUIAR, Z.      | 0003090311       | FOIA             | ANTHONY, P.M.  | 0003070073*      | 50-341 R         | BAKER, S.J.      | 0003010187       | 40-1162          |
| AGUIAR, Z.      | 0003090317       | FOIA             | ANTHONY, P.M.  | 0003200119       | 50-341 R         | BAKER, S.J.      | 0003140438       | 40-1162          |
| AHO, G.D.       | 0003020174       | 40-8714          | ANTONY, D.C.   | 0003260312       | 50-263 R         | BALDWIN, R.S.    | 0002260337*      | 50-260           |
| AIELLO, R.F.    | 0003220150*      | 50-424 Q         | APPEL, G.      | 0002260441       | WASTE MGT        | BALDWIN, R.S.    | 0003090270*      | 50-160           |
| AIROZO, D.      | 0003200071       | FOIA             | APPEL, G.      | 0003010471       | WASTE MGT        | BANDCHAUER, W.K. | 0003160007       | 50-302           |
| ALBERT, R.      | 0002270445*      | 50-293 Q         | APPEL, G.      | 0003060164       | WASTE MGT        | BANDY, T.R.      | 0010090317*      | FOIA             |
| ALBERTIN, L.    | 0003160384*      | 50-412 P         | APPEL, G.      | 0003260163       | WASTE MGT        | BANGART, R.L.    | 0003010227       | 50-3             |
| ALBERTIN, L.    | 0003190327*      | 50-339 P         | ARBUCKLE, J.D. | 0003020127       | 50-397 S         | BANGART, R.L.    | 0003050230       | WASTE MGT        |
| ALEXANDER, D.H. | 0003280001*      | WASTE MGT        | ARNOLD, J.H.   | 0003200266       | 50-309 R         | BANGART, R.L.    | 0003050272       | WASTE MGT        |
| ALEXANDER, S.D. | 0003190077*      | CA989            | ARNOLD, W.H.   | 0003020261       | PROJ             | BANGART, R.L.    | 0003050308       | WASTE MGT        |
| ALEXICH, M.P.   | 0003010141       | 50-315 P         | ASATO, B.      | 0003010430       | PR               | BANGART, R.L.    | 0003050328       | WASTE MGT        |
| ALEXICH, M.P.   | 0003010454       | 50-315 P         | ASHLEY, E.C.   | 0003220032*      | 40-3392          | BANGART, R.L.    | 0003160106       | WASTE MGT        |
| ALEXICH, M.P.   | 0003020157       | 50-315 R         | ASHLEY, E.G.   | 0003010021*      | 40-3392          | BANGART, R.L.    | 0003150270       | ORG              |
| ALEXICH, M.P.   | 0003020199       | 50-316 P         | ASMUSSEN, K.E. | 0003060249       | 60-163 P         | BARANOWSKY, P.W. | 0002260277       | 50-312           |
| ALEXICH, M.P.   | 0003080293       | 50-316 R         | ASMUSSEN, K.E. | 0003090295       | 50-163 R         | BARBER, G.S.     | 0003070286*      | 50-387           |
| ALEXICH, M.P.   | 0003080383       | 50-315 R         | ASMUSSEN, K.E. | 0003090379       | 50-89 R          | BARKATT, A.      | 0003210166*      | FOIA             |
| ALEXICH, M.P.   | 0003090172       | 50-315 P         | ASMUSSEN, K.E. | 0003120633       | 60-88 P          | BARLOW, T.A.     | 0003060062       | PT 1             |
| ALEXICH, M.P.   | 0003120358       | 50-316 Q         | ATHAVALE, S.V. | 0002230270       | 60-483 P         | BARNES, I.       | 0002260316*      | 50-382           |
| ALEXICH, M.P.   | 0003150151       | 50-315 J         | ATHAVALE, S.V. | 0003060236       | 50-483 P         | BARNES, I.       | 0003020184*      | 50-313           |
| ALEXICH, M.P.   | 0003150158       | 50-316 P         | ATHAVALE, S.V. | 0003060241*      | 50-483 P         | BARNES, I.       | 0003130730*      | 50-482           |
| ALEXION, T.W.   | 0003140288       | 50-313 Q         | ATHAVALE, S.V. | 0003260166       | 50-483 P         | BARNES, I.       | 0003140012*      | 50-488           |
| ALLAN, J.M.     | 0003010140*      | 40-3392          | ATKINS, A.     | 0003010341       | PR               | BARNES, I.       | 0003220146*      | 50-285           |
| ALLAN, J.M.     | 0003010145*      | 40-3392          | AULUCK, P.     | 0003070159       | 60-390 A         | BARNES, I.       | 0003270021*      | 50-285           |
| ALLAN, J.M.     | 0003010168*      | 40-3392          | AULUCK, R.     | 0003160461       | 50-390 A         | BARON, M.J.      | 0002261108       | 60-277           |
| ALLAN, J.M.     | 0003010199*      | 40-3392          | AUSTIN, M.     | 0003010405       | 50-64 S          | BARR, K.P.       | 0003060349*      | 50-390           |
| ALLAN, J.M.     | 0003010201*      | 40-3392          | AUTIN, D.      | 0003070024       | CA989            | BARRON, H.B.     | 0002260140       | 60-289           |
| ALLAN, J.M.     | 0003010205*      | 40-3392          | AXELSON, W.L.  | 0002220520       | 50-282 Q         | BARRON, H.B.     | 0003010229       | 60-287           |
| ALLAN, J.M.     | 0003010209*      | 40-3392          | AXELSON, W.L.  | 0002220523*      | 50-282 Q         | BARRON, H.B.     | 0003070007       | 60-287           |
| ALLAN, J.M.     | 0003010213*      | 40-3392          | AXELSON, W.L.  | 0002270354       | 50-255 Q         | BARRON, H.B.     | 0003140440*      | 50-289           |
| ALLAN, J.M.     | 0003010217*      | 40-3392          | AXELSON, W.L.  | 0003120364*      | 40-2061          | BARRON, H.B.     | 0003200010       | 50-289           |
| ALLAN, J.M.     | 0003120152*      | 40-2061          | AXELSON, W.L.  | 0003200188       | 50-315 Q         | BARRON, H.B.     | 0003200268       | 60-287           |
| ALLAN, J.M.     | 0003120155*      | 40-2061          | AYALA, C.      | 0003140403       | 50-498 S         | BARSS, D.        | 0003190380*      | 50-289           |
| ALLAN, J.M.     | 0003120311*      | 40-2061          | AYALA, C.      | 0003230116       | 60-499 S         | BART, I.C.A.     | 0003230168       | 60-443           |
| ALLAN, J.M.     | 0003220032*      | FOIA             | AZEEZ, S.      | 0003010429*      | PROJ             | BARTH, C.A.      | 0003230043       | 60-443           |
| ALLAN, J.M.     | 0003220054*      | 40-3392          | AZUA, R.V.     | 0003260535*      | 50-285 Q         | BARTON, J.J.     | 0003260527       | 50-210           |
| ALLEN, G.W.     | 0003160067       | STATE PROJ       | BACHMANN, R.G. | 0003190013       | 50-443 G         | BASS, B.R.       | 0003070238       | NUREG            |
| ALLENSPACH, F.  | 0003070137       | NUREG            | BACKUS, R.     | 0003160070       | 50-443 G         | BASSETT, C.H.    | 0002280326*      | 50-160           |

| AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR       | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------|------------------|------------------|--------------|------------------|------------------|-----------------|------------------|------------------|
| BASSIN,N.      | 9003210151*      | FOIA             | BELL,S       | 9002270149*      | CONTRACT         | BERG,W.L.       | 9003160184       | 50-429           |
| BASSIN,N.      | 9003210364*      | FOIA             | BELL,S       | 9002270162*      | CONTRACT         | BERGER,J.D.     | 9003060210*      | 70-33            |
| BATES,R.C.     | 9011080200*      | 50-387           | BELL,S       | 9002270264*      | CONTRACT         | BERKOW,H.N.     | 9003050309*      | 50-302           |
| BATES,R.C.     | 9011090225*      | 50-352           | BELL,S       | 9002270270*      | CONTRACT         | BERKOW,H.N.     | 9003060072*      | 50-339           |
| BATES,R.C.     | 9001080152*      | 50-238           | BELL,S       | 9002270307*      | CONTRACT         | BERKOW,H.N.     | 9003140406       | 50-335           |
| BATH,W.W.      | 9003130081*      | 70-925           | BELL,S       | 9002270403*      | CONTRACT         | BERKOW,H.N.     | 9003200128*      | 50-302           |
| BAUBLITZ,J.E.  | 9003200446*      | FOIA             | BELL,S       | 9002270439*      | CONTRACT         | BERLIN,R.F.     | 9002270095       | 50-189           |
| BAUBLITZ,J.E.  | 9003210032*      | FOIA             | BELL,S       | 9002270447*      | CONTRACT         | BERLINGER,C.H.  | 9003020070       | 1&E              |
| BALCOM,C.T.    | 9003230052       | 50-281           | BELL,S       | 9002280039*      | CONTRACT         | BERLINGER,C.H.  | 9003060507       | ORG              |
| BAX,P.L.       | 9002260146       | 50-254           | BELL,S       | 9002280101*      | CONTRACT         | BERLINGER,C.H.  | 9003090231       | 50-282           |
| BAX,P.L.       | 9003090483*      | 50-237           | BELL,S       | 9002280151*      | CONTRACT         | BERLINGER,C.H.  | 9003090388       | 50-282           |
| BAX,P.L.       | 9003140070       | 50-254           | BELL,S       | 9002280210*      | CONTRACT         | BERLINGER,C.H.  | 9003140302       | 1&E              |
| BAX,P.L.       | 9003140141       | 50-254           | BELL,S       | 9003010639*      | CONTRACT         | BERLINGER,C.H.  | 9003210243       | REV EW GR        |
| BAX,P.L.       | 9003140147       | 50-265           | BELL,S       | 9003010076*      | CONTRACT         | BERLINGER,C.H.  | 9003230139       | 1&E              |
| BAX,P.L.       | 9003190155       | 50-265           | BELL,S       | 9003060348*      | CONTRACT         | BERNHARD,J.A.   | 9003220416       | 50-23            |
| BAX,P.L.       | 9003230111       | 50-254           | BELL,S       | 9003060372*      | CONTRACT         | BERNHARD,J.A.   | 9003250424       | 50-23            |
| BAX,P.L.       | 9003230119       | 50-265           | BELL,S       | 9003010403*      | CONTRACT         | BERNHARD,R.M.   | 9001050234*      | FOIA             |
| BAXTER,J.R.    | 9003060169       | 50-259           | BELL,S       | 9003010417*      | CONTRACT         | BERNHARD,R.M.   | 9002220477       | 40-8724          |
| BAZIN,W.P.     | 9003140368       | CONTRACT         | BELL,S       | 9003060416*      | CONTRACT         | BERNHARD,R.M.   | 9002270254       | WASTE MGT        |
| BAZIN,J.P.     | 9003140449*      | CONTRACT         | BELL,S       | 9003010427*      | CONTRACT         | BERNHARD,R.M.   | 9002270262       | WASTE MGT        |
| BEACH,A.B.     | 9003010476       | 40-8027          | BELL,S       | 9003020061*      | CONTRACT         | BERNHARD,R.M.   | 9003050270       | WASTE MGT        |
| BEACH,A.B.     | 9003060287       | 50-128           | BELL,S       | 9003020068*      | CONTRACT         | BERNHARD,R.M.   | 9003050271       | WASTE MGT        |
| BEACH,A.B.     | 9003080288*      | 50-128           | BELL,S       | 9003020292*      | CONTRACT         | BERNHARD,R.M.   | 9003050291       | WASTE MGT        |
| BEACH,A.B.     | 9003140298       | 40-9027          | BELL,S       | 9003050039*      | CONTRACT         | BERNHARD,R.M.   | 9003050298*      | WASTE MGT        |
| BEACH,A.B.     | 9003190209       | 50-284           | BELL,S       | 9003060169*      | CONTRACT         | BERNHARD,R.M.   | 9003060052       | WASTE MGT        |
| BEACH,A.B.     | 9003190227       | 40-8027          | BELL,S       | 9003070025*      | CONTRACT         | BERNHARD,R.M.   | 9003140453       | WASTE MGT        |
| BEACH,A.B.     | 90032000363      | 40-8027          | BELL,S       | 9003070030*      | CONTRACT         | BERNHARD,R.M.   | 9003010027*      | 40-2061          |
| BEACH,A.B.     | 9003200178       | 50-128           | BELL,S       | 9003090017*      | CONTRACT         | BERNHARD,R.M.   | 9003010027*      | 40-2061          |
| BEARD,P.M.     | 9003200210       | 50-302           | BELL,S       | 9003090334*      | CONTRACT         | BERNHARD,R.M.   | 9003010037*      | 40-2061          |
| BEARD,P.M.     | 9003200286       | 50-302           | BELL,S       | 9003090344*      | CONTRACT         | BERNHARD,R.M.   | 9003010037*      | 40-2061          |
| BEARD,P.M.     | 9003060299       | 50-302           | BELL,S       | 9003120073*      | CONTRACT         | BERRY,K.W.      | 9002220478       | 50-255           |
| BEARD,P.M.     | 9003060322       | 50-302           | BELL,S       | 9003120030*      | CONTRACT         | BERRY,K.W.      | 9002220482       | 50-255           |
| BEARD,P.M.     | 9003140272       | 50-302           | BELL,S       | 9003120188*      | CONTRACT         | BERRY,K.W.      | 9002260488       | 50-255           |
| BEARD,P.M.     | 9003150038       | 50-302           | BELL,S       | 9003120198*      | CONTRACT         | BERRY,K.W.      | 9003020034       | 50-255           |
| BEARD,P.M.     | 9003150066       | 50-302           | BELL,S       | 9003120277*      | CONTRACT         | BERRY,K.W.      | 9003080382       | 50-255           |
| BEARD,P.M.     | 9003150070       | 50-302           | BELL,S       | 9003120234*      | CONTRACT         | BERRY,K.W.      | 9003120123       | 50-155           |
| BEARD,P.M.     | 9003150275       | 50-302           | BELL,S       | 9003120346*      | CONTRACT         | BERRY,K.W.      | 9003200254       | 50-255           |
| BEARD,P.M.     | 9003150460       | 50-302           | BELL,S       | 9003150020*      | CONTRACT         | BERRY,K.W.      | 9003200340       | 50-255           |
| BEARD,P.M.     | 90032100307      | 50-302           | BELL,S       | 9003150063*      | CONTRACT         | BERRY,K.W.      | 9003260335       | 50-165           |
| BEARD,P.M.     | 9003220022       | 50-302           | BELL,S       | 9003150206*      | CONTRACT         | BERRY,K.W.      | 9003270317       | 50-255           |
| BEARD,R.M.     | 9003220169       | 50-321           | BELL,S       | 9003150357*      | CONTRACT         | BERRY,R.L.      | 9003200137       | 50-29            |
| BEAVER,J.R.    | 9003120217       | 50-289           | BELL,S       | 9003150367*      | CONTRACT         | BERSON,B.       | 9003230016       | 40-2061          |
| BEAVER,J.R.    | 9003160099       | 50-320           | BELL,S       | 9003160004*      | 50-286           | BERSON,B.A.     | 9003190039*      | FOIA             |
| BEAVERS,J.A.   | 9003190298       | NUREG            | BELL,S       | 9003160173*      | CONTRACT         | BEUCHTEL,B.E.   | 9003230008*      | 50-443           |
| BECKER,R.A.    | 9003190232       | 50-400           | BELL,S       | 9003160216*      | CONTRACT         | BEVAN,R.B.      | 9002260311       | 50-344           |
| BECKER,R.A.    | 9003210074       | 50-400           | BELL,S       | 9003160320*      | CONTRACT         | BIDINGER,G.     | 9002260182       | 70-820           |
| BECKER,R.A.    | 9003220097       | 50-400           | BELL,S       | 9003190374*      | CONTRACT         | BIDINGER,G.H.   | 9002270473       | 40-3302          |
| BECKER,R.A.    | 9003260020       | 50-400           | BELL,S       | 9003190378*      | CONTRACT         | BIDINGER,G.H.   | 9003130775*      | 70-25            |
| BECK,JORD,E.S. | 9002260217       | ORG              | BELL,S       | 9003200289*      | CONTRACT         | BINKOWSKI,J.    | 90031200187      | 50-302           |
| BECK,JORD,E.S. | 9003070057       | GEN TEC I        | BELL,S       | 9003220124*      | CONTRACT         | BIRCH,M.L.      | 9003090346*      | 50-360           |
| BECK,JORD,E.S. | 9003070059       | GEN TEC I        | BELL,S       | 9003220133*      | CONTRACT         | BIRCH,M.L.      | 9003090348*      | 50-360           |
| BECK,JORD,E.S. | 9003070060       | GEN TEC I        | BELL,S       | 9003220140*      | CONTRACT         | BIRCH,M.L.      | 9003090350*      | 50-360           |
| BECK,JORD,E.S. | 9003070062       | GEN TEC I        | BELL,S       | 9003220227*      | CONTRACT         | BIRCH,M.L.      | 9003090351*      | 50-360           |
| BECK,JORD,E.S. | 9003070066       | GEN TEC I        | BELL,S       | 9003010168*      | CONTRACT         | BIRD,R.G.       | 9003010160       | 50-293           |
| BECK,JORD,E.S. | 9003070079       | GEN TEC I        | BELL,S       | 9003090153*      | CONTRACT         | BIRD,R.G.       | 9003020180       | 50-293           |
| BECK,JORD,E.S. | 9003070081       | GEN TEC I        | BELLAMY,R.R. | 9002220346       | 70-687           | BIRD,R.G.       | 9003050143       | 50-293           |
| BECK,JORD,E.S. | 9003070083       | GEN TEC I        | BELLAMY,R.R. | 9002220369       | 50-289           | BIRD,R.G.       | 9003060041       | 50-293           |
| BECK,JORD,E.S. | 9003070130       | GEN TEC I        | BELLAMY,R.R. | 9002220467       | 50-443           | BIRD,R.G.       | 9003060047       | 50-293           |
| BECK,JORD,E.S. | 9003090143       | GEN TEC I        | BELLAMY,R.R. | 9002220481       | 50-184           | BIRD,R.G.       | 9003060234       | 50-293           |
| BECK,JORD,E.S. | 9003120222*      | PR               | BELLAMY,R.R. | 9002270123       | 50-309           | BIRD,R.G.       | 9003070095       | 50-293           |
| BECK,JORD,E.S. | 9003120425*      | PR               | BELLAMY,R.R. | 9002270263       | 70-371           | BIRD,R.G.       | 9003150287       | 50-293           |
| BECK,JORD,E.S. | 9003120442*      | PR               | BELLAMY,R.R. | 9002270426       | 50-247           | BIRD,R.G.       | 9003210302       | 50-293           |
| BECK,JORD,E.S. | 9003120472*      | PR               | BELLAMY,R.R. | 9003020012       | 50-29            | BIRD,R.G.       | 9003220063       | 50-293           |
| BECK,JORD,E.S. | 9003190185*      | FOIA             | BELLAMY,R.R. | 9003020200       | 50-387           | BIRD,R.G.       | 9003230001       | 50-293           |
| BECK,JORD,E.S. | 9003260213       | ORG              | BELLAMY,R.R. | 9003050053       | 50-333           | BIRD,R.G.       | 9003230113       | 50-293           |
| BECKMAN,W.L.   | 9003090001       | 50-165           | BELLAMY,R.R. | 9003060055       | 50-443           | BIRD,R.G.       | 9003270032       | 50-293           |
| BECKNER,W.     | 9003070081       | TOPREP           | BELLAMY,R.R. | 9003060162       | 50-352           | BIRDSONG,R.W.   | 9003210287       | PR               |
| BEDESEM,P.     | 9003220049       | 50-275           | BELLAMY,R.R. | 9003070344       | 50-352           | BIRMINGHAM,J.L. | 9002140181*      | 50-446           |
| BEHNKE,C.      | 9002260452       | 50-317           | BELLAMY,R.R. | 9003080399       | 50-77            | BISHOP,J.C.     | 9003010103*      | 40-3302          |
| BEHNKE,C.      | 9003200195       | 50-317           | BELLAMY,R.R. | 9003120550       | 50-220           | BISHOP,J.C.     | 9003010179*      | 40-3302          |
| BEILMAN,T.P.   | 9002260258       | 50-316           | BELLAMY,R.R. | 9003150293       | 70-1100          | BISHOP,J.C.     | 9003010300*      | 40-3302          |
| BEILMAN,T.P.   | 9003220074       | 50-316           | BELLAMY,R.R. | 9003160118       | 50-219           | BISHOP,J.C.     | 9003010305*      | 40-3302          |
| BELANGER,J.L.  | 9002270120*      | 50-466           | BELLAMY,R.R. | 9003160221       | 50-213           | BISHOP,J.C.     | 9003010314*      | 40-3302          |
| BELANGER,J.L.  | 9003230025*      | 50-263           | BELLAMY,R.R. | 9003160246       | 50-219           | BISHOP,J.C.     | 9003010317*      | 40-3302          |
| BELANGER,R.R.  | 9003060078       | 50-443           | BELLAMY,R.R. | 9003190168       | 50-334           | BISHOP,J.C.     | 9003010320*      | 40-3302          |
| BELANGER,R.R.  | 9003140043       | 50-443           | BELLAMY,R.R. | 9003190171       | 50-244           | BISHOP,J.C.     | 9003010322*      | 40-3302          |
| BELANGER,R.R.  | 9003140429       | 50-443           | BELLAMY,R.R. | 9003210239       | 50-353           | BISHOP,J.C.     | 9003010325*      | 40-3302          |
| BELANGER,R.R.  | 9003200378       | 50-443           | BELLAMY,R.R. | 9003270219       | 70-687           | BISHOP,J.C.     | 9003120763*      | 40-3302          |
| BELANGER,R.R.  | 9003200384       | 50-443           | BENDER,M.    | 9002280233       | 50-220           | BISHOP,J.C.     | 9003120767*      | 40-3302          |
| BELISLE,G.A.   | 9002260295*      | 50-395           | BENDER,M.    | 9002280250       | 50-443           | BISHOP,J.C.     | 9003120797*      | 40-3302          |
| BELISLE,G.A.   | 9003080354*      | 50-269           | BENESOLE,S.  | 9003210309       | 50-287           | BISHOP,J.C.     | 9003130018*      | 40-3302          |
| BELISLE,G.A.   | 9003210046*      | 50-400           | BENETTI,J.C. | 9003010045*      | 40-2061          | BISWAS,D.       | 9003130501*      | 50-488           |
| BELISLE,G.A.   | 9003210101*      | 50-395           | BENETTI,J.C. | 9003010045*      | 40-2061          | BITTER,S.D.     | 9002140077*      | 50-446           |
| BELL,S.        | 9002260386*      | CONTRACT         | BERATTI,J.P. | 9003070390       | 50-220           | BITTER,S.D.     | 9003070211*      | 50-446           |
| BELL,S.        | 9002260439*      | CONTRACT         | BERG,R.T.    | 9002280247       | 40-8698          | BLACK,S.        | 9002230076       | 50-260           |
| BELL,S.        | 9002260485*      | CONTRACT         | BERG,T.      | 9003010368       | PR               | BLACK,S.        | 9002280350       | 50-327           |
| BELL,S.        | 9002260493*      | CONTRACT         | BERG,W.L.    | 9002220540       | 50-409           | BLACK,S.        | 9003050025       | 50-327           |
| BELL,S.        | 9002260508*      | CONTRACT         | BERG,W.L.    | 9003140227       | 50-409           | BLACK,S.        | 9003050026*      | 50-327           |

| AUTHOR        | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR    | ACCESSION NUMBER | SUBJECT CATEGORY |
|---------------|------------------|------------------|--------|------------------|------------------|-----------|------------------|------------------|
| BLACK,S       | 9003190339       | 50-327           | P      | BORGES,R J       | 9002220350*      | 70-667    | BRENNAN,P A      | 9003120268       |
| BLACK,S       | 9003190342*      | 50-327           | P      | BORGES,R J       | 9002270134*      | 50-293    | BRENNAN,P A      | 9003120430       |
| BLACK,S C     | 9003200274*      | 50-390           | O      | BORGES,R J       | 9003150239*      | 70-1100   | BRENNAN,P A      | 9003160003       |
| BLACK,S C     | 9003200231       | 50-259           | P      | BORGES,R J       | 90032170224*     | 70-687    | BRENNAN,P A      | 9003160037       |
| BLAHA,J L     | 9003020038       | COMMISSION       |        | BORGGRAN,J E     | 9002060293       | 50-315    | BRENNAN,P A      | 9003200295       |
| BLAHA,J L     | 9003060227       | COMMISSION       |        | BORNEMAN,K R     | 9003010468       | 50-458    | BREWINGTON,J J   | 9003010328       |
| BLAHA,J L     | 9003150489       | COMMISSION       |        | BOSILJEVAC,F     | 9003000262       | 50-458    | BREY,H L         | 9003060116       |
| BLAHA,J L     | 9003200405       | COMMISSION       |        | BOSNAK,R J       | 9003220176       | WASTE MGT | BREY,H L         | 9003070393       |
| BLAHA,J L     | 9003200036       | COMMISSION       |        | BOSNAK,R J       | 9003150138*      | PR        | BREY,H L         | 9003160212       |
| BLAKE,A A     | 9003070184       | NUREG            |        | BOSNAK,R J       | 8905030236*      | PR        | BREY,H L         | 9003160226       |
| BLAKE,A A     | 9003070234       | NUREG            |        | BOSNAK,R J       | 9003120506*      | PR        | BRIIGGS,L E      | 9002270469*      |
| BLAKE,J J     | 9003060352       | 50-269           | O      | BOUCHEY,G D      | 9002260288       | 50-397    | BRINKMAN,D S     | 9002260525       |
| BLAKE,J J     | 9003090211*      | 50-324           | O      | BOUCHEY,G D      | 9003136415       | 50-497    | BRINKMAN,D S     | 9003050011       |
| BLAKE,J J     | 9003090253*      | 50-261           | O      | BOULLOS,M S      | 9003210166*      | FOIA      | BRINKMAN,D S     | 9003050015       |
| BLAKE,J J     | 9003090411*      | 50-369           | O      | BOURNIA,A        | 9002260514       | 50-296    | BRINKMAN,D S     | 9003140269       |
| BLAKE,J J     | 9003210022*      | 50-269           | O      | BOURNIA,A        | 9003030229       | 50-285    | BRINKMAN,D S     | 9003160364       |
| BLAKE,J J     | 9003210036*      | 50-413           | O      | BOURNIA,A        | 9003120626       | 50-295    | BRINKMAN,D S     | 9003160150       |
| BLAKE,J J     | 9003210036*      | 50-335           | O      | BOURNIA,A        | 9003120635       | 50-285    | BRINKMAN,D S     | 9003190030       |
| BLAKE,J J     | 9003210249*      | 50-250           | O      | BOURNIA,A        | 9003150239       | 50-265    | BRINKMAN,D S     | 9003120329       |
| BLANCH,G A    | 9003090466*      | FOIA             |        | BOURNIA,A        | 9003220002       | 50-245    | BROCHER,T M      | 9003150462*      |
| BLANCHARD,M B | 9003050319       | WASTE MGT        |        | BOURNIA,A        | 9003260026       | 50-285    | BROCK,M T        | 9003050016       |
| BLANCHARD,M B | 6603150457*      | WASTE MGT        |        | BOUYE,T          | 9002260236       | 50-295    | BROCK,M T        | 9003160070       |
| BLANCHARD,M B | 9003200707*      | WASTE MGT        |        | BOUYE,G D        | 9003090052*      | 50-482    | BROCK,M T        | 9003210328*      |
| BLANCHARD,M B | 9003200001*      | WASTE MGT        |        | BOYER,G D        | 9003090151       | 50-482    | BROCKMAN,K E     | 9003220308*      |
| BULEY,T J     | 9003230014*      | NUREG            |        | BOYER,G D        | 9003190111*      | 50-482    | BROCKMAN,K E     | 9003220150*      |
| BUND,A A      | 9002260258       | 50-316           | S      | BOYLE,M L        | 9002260092       | 50-245    | BROWN,J C        | 9002260435*      |
| BUND,A A      | 9002260017       | 50-316           | S      | BOYLE,M L        | 9002260236       | 50-245    | BROWN,J C        | 9002260436*      |
| BUND,A A      | 9003200062       | 50-315           | S      | BOYLE,M L        | 9003140150       | 50-245    | BROWN,J C        | 9002260198       |
| BUND,A A      | 9003200074       | 50-316           | S      | BOYLE,M L        | 9003150112       | 50-245    | BROWN,J C        | 9002260493*      |
| BLOCH,P B     | 9003010212       | 50-250           | G      | BOYLE,M L        | 9003220247       | 50-215    | BROWN,J C        | 9002260585       |
| BLOCH,P B     | 9003050049       | 50-25            | G      | BOYLE,H R        | 9002260057       | 50-267    | BROWN,J C        | 9002270319       |
| BLOCH,P B     | 9003160151       | 50-250           | G      | BRACHE,W         | 9003060147       | CA999     | BROWN,J C        | 9003010167       |
| BLOCH,P B     | 9003190034       | 70-25            | G      | BRACHE,W         | 9005060101       | CA999     | BROWN,J C        | 9003020015       |
| BLOCH,P B     | 9003200136       | 70-25            | G      | BRACHE,W         | 9003190072       | CA999     | BROWN,J C        | 9003030107       |
| BLOCH,P B     | 9003230174       | 50-250           | G      | BRACHE,W         | 9003230134       | CA999     | BROWN,J C        | 9003030137       |
| BLOCH,P B     | 9003230132       | 70-25            | G      | BRADBURNE,J C    | 9003190554*      | FOIA      | BROWN,J C        | 9003050289       |
| BLOCK,M L     | 9002280143       | 50-267           | R      | BRADBURNE,J C    | 9003190562*      | FOIA      | BROWN,J C        | 9003190242       |
| BLOCK,M L     | 9003270011       | 50-267           | R      | BRADBURNE,J C    | 9003190571*      | FOIA      | BROWN,J C        | 9003190256       |
| BLOSSER,J D   | 9003140257       | 50-483           | S      | BRADBURNE,J C    | 9003190575*      | FOIA      | BROWN,J C        | 9003190247       |

|               |             |             |   |                |             |             |                 |             |           |
|---------------|-------------|-------------|---|----------------|-------------|-------------|-----------------|-------------|-----------|
| BURSKIR F     | 9003200037  | 50-392      | P | CARR,K M       | 9002260478  | COMMISSION  | CHIRAMAL,M      | 9003140266* | 50-278    |
| BURSKIR F     | 9003200217  | 50-382      | R | CARR,K M       | 9002270201  | COMMISSION  | CHISHOLM,J.W.   | 8806130181* | FOIA      |
| BURSKIR F     | 9003270412  | 50-382      | O | CARR,K M       | 9002270215  | COMMISSION  | CHISHOLM,J.W.   | 8807250162* | FOIA      |
| BUSCHBAUM,D   | 9003190243  | 50-446      | R | CARR,K M       | 9002270278  | COMMISSION  | CHISHOLM,J.W.   | 8807250166* | FOIA      |
| BUTCHER,R C   | 9003090404* | 50-250      | Q | CARR,K M       | 9002270358  | COMMISSION  | CHISHOLM,J.W.   | 8807250195* | FOIA      |
| BUTLER,J T    | 90030300129 | 50-250      | G | CARR,K M       | 9002270417  | COMMISSION  | CHISHOLM,J.W.   | 9003020132* | FOIA      |
| BUTLER,J T    | 90030300129 | 50-250      | G | CARR,K M       | 9002280022  | COMMISSION  | CHISHOLM,J.W.   | 9003020141* | FOIA      |
| BUTLER,J T    | 9002280021* | 50-322      | J | CARR,K M       | 9002280040  | COMMISSION  | CHISHOLM,J.W.   | 9003020147* | FOIA      |
| BUTLER,W R    | 9002260355* | 50-353      | P | CARR,K M       | 9003010225  | COMMISSION  | CHISHOLM,J.W.   | 9003020197* | FOIA      |
| BUTLER,W R    | 9002260020  | 50-322      | J | CARR,K M       | 9003060025  | 50-443 U    | CHISHOLM,J.W.   | 9003020229* | FOIA      |
| BUTLER,W R    | 9003190096* | 50-272      | P | CARR,K M       | 9003070041  | COMMISSION  | CHMELEWSKI,S    | 9003190269  | NUREG     |
| BYNUM,J.R.    | 9003060189  | 50-269      | S | CARR,K M       | 9003070277  | 50-443 U    | CHOPHA,O K      | 9003070245  | NUREG     |
| BYNUM,J.R.    | 9003070300  | 50-327      | S | CARR,K M       | 9003080359  | COMMISSION  | CHOU,R C        | 9003090211* | 50-324    |
| BYNUM,J.R.    | 9003070345  | 50-328      | S | CARR,K M       | 9003260041  | COMMISSION  | CHRANOWSKI,P A. | 9003140371  | 50-295    |
| BYNUM,J.R.    | 9003070354  | 50-327      | S | CARR,K M       | 9003260055* | COMMISSION  | CHRISTENSEN,H   | 9003210094* | 50-416    |
| BYNUM,J.R.    | 9003080248  | 50-296      | S | CARRASCO,J E   | 9003140038* | 50-286 O    | CHRISTOFFER,G   | 9002270120* | 50-456    |
| BYNUM,J.R.    | 9003090436  | 50-260      | S | CARRCLL,D E    | 9003130163* | 40-2081     | CHRISTOFFER,G   | 9003120045* | 50-346    |
| BYNUM,J.R.    | 9003070300  | 50-259      | S | CARRCLL,D E    | 9003130171* | 40-2081     | CHRZANOWSKI,R   | 9003090142  | 50-295    |
| BYNUM,J.R.    | 9003210270  | 50-328      | S | CARRCLL,K      | 9003200137  | 50-29 R     | CHRZANOWSKI,R   | 9003120469  | 50-295    |
| BYRD,R        | 9003270394  | 50-416      | S | CARRSCN,L C.   | 9003210078* | 50-528 Q    | CHRZANOWSKI,R   | 9003130084  | 50-295    |
| CACCIAPCUTI,H | 9003220263* | 50-271      | P | CARRSCN,R J.   | 9003150206* | CONTRACT    | CHRZANOWSKI,R   | 9003210137  | 50-304    |
| CAHILL,W J    | 9002220519  | 50-445      | S | CARSON,R L.    | 9003050033  | 50-10 F     | CHRZANOWSKI,R   | 9003220250  | 50-304    |
| CAHILL,W J    | 9002220048  | 50-445      | P | CARTER,G R     | 9003010181  | STATE PRO G | CHUANG,Y        | 9003090258  | NUREG     |
| CAHILL,W J    | 9003010007  | 50-445      | P | CARTER,G R     | 9003050017  | 50-346 H    | CHUNG,H M       | 9003070245  | NUREG     |
| CAHILL,W J    | 9003120656  | 50-445      | P | CARTER,G R     | 9003050012  | 50-440 H    | CHUNG,TACK,P    | 9003180277  | XPOR TLIC |
| CAHILL,W J    | 9003120663  | 50-445      | R | CARUTHERS,L T. | 9003090360* | FOIA        | CICOTTE,G R     | 9002260553* | 50-208    |
| CAHILL,W J    | 9003120807  | 50-445      | Q | CASTO,C A      | 9002260320* | 50-302 V    | CILLIS,M        | 9003210078* | 50-528    |
| CAHILL,W J    | 90031400277 | 50-445      | S | CASTO,C A      | 9002260337* | 50-269 V    | CIPOLLA,A J     | 8410304050* | 40-3392   |
| CAHILL,W J    | 9003150170  | 50-445      | S | CASTO,C A      | 9003090270* | 50-160 V    | CIPOLLA,A J     | 8503080407* | 40-3392   |
| CAHILL,W J    | 9003180029  | 50-445      | S | CASTO,C A      | 9003200305* | 50-335 V    | CIPOLLA,A J     | 9003010246* | 40-3392   |
| CAHILL,W J    | 9003180254  | 50-445      | Q | CASTOR,S B.    | 9003220266  | WASTE MGT   | CIPOLLA,A J     | 9003010246* | 40-3392   |
| CAHILL,W J    | 9003180258  | 50-445      | Q | CENTOLANZI,P   | 9002260208  | 50-382 R    | CIPOLLA,A J     | 9003010252* | 40-3392   |
| CAHILL,W J    | 9003180262  | 50-445      | S | CENTOLANZI,P   | 9003200217  | 50-382 R    | CIPOLLA,A J     | 9003010253* | 40-3392   |
| CAHILL,W J    | 9003180433  | 50-445      | S | CERVENKA P     | 9003090252* | 50-219 S    | CIPOLLA,A J     | 9003010258* | 40-3392   |
| CAHILL,W J    | 9003180243  | 50-445      | R | CERVENKA P     | 9003200305  | 50-219 S    | CIPOLLA,A J     | 9003010266* | 40-3392   |
| CAHILL,W J    | 9003210305  | 50-445      | P | CHAFFEE,A E    | 9002260578  | 50-206 Q    | CIPOLLA,A J     | 9003010280* | 40-3392   |
| CAHILL,W J    | 9003220076  | 50-445      | S | CHAFFEE,A E    | 9002260581* | 50-208 Q    | CIPOLLA,A J     | 9003010277* | 40-3392   |
| CAHILL,W J    | 9003230149  | 50-445      | P | CHAMBERLAIN,D  | 9003230159* | 50-382 Q    | CIPOLLA,A J     | 9003010279* | 40-3392   |
| CAHILL,W J    | 9003260301  | 50-445      | P | CHAMBERLAIN,D  | 9003130043* | 50-313 Q    | CIPOLLA,A J     | 9003010282* | 40-3392   |
| CAHILL,W J    | 9003260311  | 50-445      | P | CHAMBERLAIN,D  | 9003260507* | 50-382 Q    | CIPOLLA,A J     | 9003010291* | 40-3392   |
| CAIN,C L      | 9003020198* | FOIA        |   | CHAMBERS,R     | 9003190269  | NUREG       | CIPOLLA,A J     | 9003010289* | 40-3392   |
| CAIN,L        | 8807250156* | FOIA        |   | CHAN,T L       | 9002260192  | TOPREP      | CIPOLLA,A J     | 9003130681* | 40-3392   |
| CALDWELL,J L  | 9002260407* | 50-338      | Q | CHAN,T L       | 9002260376  | 50-528 P    | CLANTON,U S.    | 9003280001* | WASTE MG  |
| CALDWELL,R A  | 9002140047* | 50-445      | Q | CHAN,T L       | 9003020020  | 50-528 P    | CLARK,H R       | 9003010386* | 50-387    |
| CALDWELL,R A  | 9002280208* | 50-445      | Q | CHAN,T L       | 9003020027  | 50-528 P    | CLARK,L B       | 9003010014  | 50-443    |
| CALICOUN,J C  | 9003060200  | 70-33       |   | CHAN,T L       | 9003050032  | 50-528 P    | CLARK,L B       | 9003010020  | 50-443    |
| CALKINS,H A   | 9003210337* | FOIA        |   | CHAN,T L       | 9003050038  | 50-520 Q    | CLARK,L B       | 9003160082  | 50-443    |
| CALLAN,L J    | 9003070123  | 50-458      | V | CHAN,T L       | 9003230143  | 50-528 Q    | CLARK,P R       | 9003120280  | 50-219    |
| CALLAN,L J    | 9003070139  | 50-285      | V | CHANDOLA,V     | 9003220276* | 50-271 P    | CLARK,R J       | 9002260354  | 50-353    |
| CALVO,J A     | 9003150011  | REVIEW GR P |   | CHANIN,D I     | 9003190289  | NUREG       | CLARK,R J       | 9003140240  | 60-352    |
| CALVO,J A     | 9003220288  | REVIEW GR P |   | CHAN,N D I     | 9003190293  | NUREG       | CLARK,R J       | 9003160086  | 50-352    |
| CAMPBELL,T G  | 9003020265  | 50-313      | Q | CHAO,K S.      | 9003190303  | NUREG       | CLARKE,R A      | 9003150333  | 50-133    |
| CANIANO,R     | 9003020144  | I&E         |   | CHAPMAN,J G    | 9003230247  | FOIA        | CLAUNCH,L       | 9003010440  | PR        |
| CANIANO,R     | 9003260417  | I&E         |   | CHARNLEY,J S   | 9003230072  | TOPREP      | CLAYTON,B       | 9003060090* | 50-456    |
| CANTRELL,F S  | 9003210082* | 50-348      | Q | CHARTRAND,T A  | 9003200109  | 50-255 F    | CLAYTON,B       | 9003120454* | 50-454    |
| CANTRELL,F S  | 9003210094* | 50-416      | Q | CHARTRAND,T A  | 9003200120  | 50-255 F    | CLAYTON,B       | 9003160338  | 50-295    |
| CAPRA,R A     | 9002260291  | 50-286      | S | CHARTRAND,T A  | 9003200129  | 50-255 F    | CLETCHER,J.W.   | 9003070184  | NUREG     |
| CAPRA,R A     | 9002270077* | 50-333      | P | CHARYULU,V     | 9003200042  | 50-284 F    | CLETCHER,J.W.   | 9003070234  | NUREG     |
| CAPRA,R A     | 9002270092* | 50-333      | P | CHAUDHARY,S K  | 9003070368* | 50-334 Q    | CLEVELAND,F A   | 9003090357* | FOIA      |
| CAPRA,R A     | 9003020266* | 50-333      | P | CHAWAGA,D      | 9002220373* | 50-289 Q    | CLINE,W         | 9003220144  | I&E       |
| CAPRA,R A     | 9003020273* | 50-286      | P | CHEA,H         | 9003210309  | 50-287 P    | CLINE,W E       | 9001120011  | 50-348    |
| CAPRA,R A     | 9003050019* | 50-247      | P | CHECHELITSKY   | 9002280131* | PROJ        | CLINE,W E       | 9002230135  | 50-424    |
| CAPRA,R A     | 9003140168* | 50-317      | P | CHEN,P         | 9003010416  | TOPREP      | CLINE,W E       | 9002260242  | 50-269    |
| CAPRA,R A     | 9003140294* | 50-333      | P | CHEN,P         | 9003080304  | TOPREP      | CLINE,W E       | 9002260249  | 70-143    |
| CAPRA,R A     | 9003150374  | 50-247      | P | CHENG,C T      | 9003080513* | 40-2081     | CLINE,W E       | 9002260321  | 50-160    |
| CAPRA,R A     | 9003210369  | 50-317      | P | CHENG,T M      | 9003080145* | 50-260 Q    | CLINE,W E       | 9002260585  | 50-261    |
| CAPRIO,M L    | 9003220279  | PR          |   | CHENG,T M      | 9003190161* | 60-260 Q    | CLINE,W E       | 9002270231  | 50-424    |
| CARGILLE,M    | 9003090188  | 50-458      | R | CHEUNG,L       | 9002230348* | 50-277 Q    | CLINE,W E       | 9003050008  | 50-250    |
| CARRIER,P P   | 9003140326  | 50-259      | P | CHEUNG,L       | 9003070295* | 50-387 Q    | CLINE,W E       | 9003050088  | 70-1113   |
| CARLE,S F     | 9003150462* | WASTE MGT   |   | CHEUNG,L       | 9003160289* | 50-336 Q    | CLINE,W E       | 9003050129  | 70-143    |
| CARLSON,E R   | 9003120744  | NUREG       |   | CHILK,S J      | 9002230131  | 10CFR       | CLINE,W E       | 9003080075  | 50-160    |
| CARLSON,E R   | 9003190289  | NUREG       |   | CHILK,S J      | 9002230272  | 50-270 Y    | CLINE,W E       | 9003130351  | 70-27     |
| CARNS,N S     | 9003140080  | 50-368      | P | CHILK,S J      | 9003080173  | 10CFR       | CLINE,W E       | 9003130485  | 70-143    |
| CARNS,N S     | 9003140376  | 50-368      | P | CHILK,S J      | 9003080224  | 10CFR       | CLINE,W E       | 9003130621  | 70-1252   |
| CARNS,N S     | 9003150128  | 50-313      | P | CHILK,S J      | 9003080265  | 10CFR       | CLINE,W E       | 9003160069  | 50-260    |
| CARNS,N S     | 9003200280  | 50-313      | Q | CHILK,S J      | 9003080291  | 10CFR       | CLINE,W E       | 9003200046  | 50-424    |
| CARPENTER,C R | 9003090332* | 50-369      | R | CHILK,S J      | 9003090278  | 10CFR       | CLINE,W E       | 9003200072  | 50-348    |
| CARPENTER,D R | 9003210107* | 50-259      | Q | CHILK,S J      | 9003160111  | 50-443 G    | CLINE,W E       | 9003200360  | 50-424    |
| CARR,K M      | 9002220162  | 50-443      | U | CHILK,S J      | 9003160131  | 50-443 G    | CLINE,W E       | 9003210123  | 70-27     |

| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |          |
|-----------------|------------------|------------------|-----------------|------------------|------------------|--------|------------------|------------------|----------|
| COBEY, W.W.     | 9003160166       | STATE PRO G      | COLLINS, S.J.   | 9003140013       | 50-298           | Q      | CORWIN, W.R.     | 9003190328       | NUREG    |
| COCHEO, J.      | 9003210246       | PR               | COLLINS, S.J.   | 9003140430       | 50-285           | Q      | COSLOW, B.J.     | 9003090228*      | 50-498   |
| COCKFIELD, D.W. | 9002260282       | 50-344 P         | COLLINS, S.J.   | 9003150080       | 50-458           | Q      | COSS, H.D.       | 9003080400       | 50-317   |
| COCKFIELD, D.W. | 9002260285*      | 50-344 P         | COLLINS, S.J.   | 9003160351       | 50-298           | Q      | COSS, H.D.       | 9003060413       | 50-317   |
| COCKFIELD, D.W. | 9002270338       | 50-344 P         | COLLINS, S.J.   | 9003160400       | 50-313           | Q      | COSTELLO, F.     | 8701080506*      | FOIA     |
| COCKFIELD, D.W. | 9002270346       | 50-344 P         | COLLINS, S.J.   | 9003160412       | 50-458           | Q      | COSTELLO, F.     | 8701080513*      | FOIA     |
| COCKFIELD, D.W. | 9002280034*      | 50-344 P         | COLLINS, S.J.   | 9003160446       | 50-382           | Q      | COSTELLO, F.     | 8701080519*      | FOIA     |
| COCKFIELD, D.W. | 9002280054*      | 50-344 P         | COLLINS, S.J.   | 9003160454       | 50-458           | Q      | COSTELLO, F.     | 8701080525*      | FOIA     |
| COCKFIELD, D.W. | 9003010334       | 50-344 Q         | COLLINS, S.J.   | 9003190066       | 50-458           | Q      | COSTELLO, F.     | 8701080545*      | FOIA     |
| COCKFIELD, D.W. | 9003080052       | 50-344 P         | COLLINS, S.J.   | 9003190090       | 50-298           | Q      | COSTELLO, F.     | 8701080552*      | FOIA     |
| COCKFIELD, D.W. | 9003080078       | 50-344 F         | COLLINS, S.J.   | 9003190157       | 50-482           | Q      | COSTELLO, F.     | 9003080409       | I&E      |
| COCKFIELD, D.W. | 9003080338       | 50-344 P         | COLLINS, S.J.   | 9003190215       | 50-382           | Q      | COSTELLO, F.M.   | 8705110196*      | FOIA     |
| COCKFIELD, D.W. | 9003080407       | 50-344 R         | COLLINS, S.J.   | 9003200047       | 50-458           | P      | COSTELLO, K.R.   | 9003060014       | 50-317   |
| COCKFIELD, D.W. | 9003080498       | 50-344 Q         | COLLINS, S.J.   | 9003200080       | 50-458           | Q      | COTLER, P.R.     | 9002270140*      | 70-734   |
| COCKFIELD, D.W. | 9003090220       | 50-344 S         | COLLINS, S.J.   | 9003200215       | 50-285           | F      | COTTER, B.P.     | 9003130525*      | 50-322   |
| COCKFIELD, D.W. | 9003150175       | 50-344 P         | COLLINS, S.J.   | 9003200251       | 50-458           | F      | COTTE, W.T.      | 9001260268       | 50-416   |
| COCKFIELD, D.W. | 9003160049       | 50-344 Q         | COLLINS, S.J.   | 9003220081       | 50-498           | Q      | COTTE, W.T.      | 9002220513       | 50-416   |
| COCKFIELD, D.W. | 9003220038       | 50-344 P         | COLLINS, S.J.   | 9003220084       | 50-313           | Q      | COTTE, W.T.      | 9002270382       | 50-416   |
| COCKFIELD, D.W. | 9003230189       | 50-344 F         | COLLINS, S.J.   | 9003220110       | 50-313           | Q      | COTTE, W.T.      | 9002270474       | 50-416   |
| COCKFIELD, D.W. | 9003230191       | 50-344 F         | COLLINS, S.J.   | 9003220143       | 50-285           | Q      | COTTE, W.T.      | 9003020140       | 50-416   |
| COCKFIELD, D.W. | 9003260261       | 50-344 Q         | COLLINS, S.J.   | 9003230203       | 50-298           | V      | COTTE, W.T.      | 9003080169       | 50-416   |
| COCKFIELD, D.W. | 9003260540       | 50-344 Q         | COLLINS, S.J.   | 9003230211       | 50-482           | Q      | COTTE, W.T.      | 9003080428       | 50-416   |
| COLBURN, T.G.   | 9002220420       | 50-440 P         | COLLINS, S.J.   | 9003230223       | 50-498           | Q      | COTTE, W.T.      | 9003080482       | 50-416   |
| COLBURN, T.G.   | 9002230283       | 50-440 P         | COLLINS, S.J.   | 9003260194       | 50-450           | F      | COTTE, W.T.      | 9003080430       | 50-416   |
| COLBURN, T.G.   | 9002260520       | 50-440 P         | COLLINS, S.J.   | 9003260196       | 50-482           | Q      | COTTE, W.T.      | 9003020350       | 50-416   |
| COLBURN, T.G.   | 9003010195       | 50-440 P         | COLLINS, S.J.   | 9003260202       | 50-285           | Q      | COTTE, W.T.      | 9003270347       | 50-416   |
| COLBURN, T.G.   | 9003010307*      | 50-266 P         | COLLINS, S.J.   | 9003260499       | 50-382           | Q      | COTTE, W.T.      | 9003270394       | 50-416   |
| COLBURN, T.G.   | 9003140222       | 50-440 P         | COLLINS, S.J.   | 9003260532       | 50-285           | Q      | COTTON, J.S.     | 9003190145*      | 50-270   |
| COLEY, J.L.     | 9003090253*      | 50-261 Q         | COLLINS, S.J.   | 9003270017       | 50-285           | Q      | COTRELL, W.D.    | 9003080122       | 50-312   |
| COLEY, J.L.     | 9003210056*      | 50-335 Q         | COLLINS, S.J.   | 9003270320       | 50-298           | Q      | COUTER, C.       | 9003020156       | 50-27    |
| COLLINGS, S.P.  | 9003010446       | 40-8943          | COLLINS, S.J.   | 9003270418       | 50-267           | Q      | COURTEMANCHE, S. | 8701090459*      | FOIA     |
| COLLINGS, S.P.  | 9003140418       | 40-8943          | COLLINS, S.J.   | 9003270422       | 50-482           | Q      | COWGILL, C.J.    | 9002220546*      | 50-317   |
| COLLINGS, S.P.  | 9003150105       | 40-8943          | COLLINS, S.J.   | 9003270425       | 50-498           | Q      | COWGILL, C.J.    | 9002260162*      | 50-247   |
| COLLINGS, S.P.  | 9003150477       | 40-8943          | COLLINS, S.J.   | 9003270426       | 50-382           | Q      | COWGILL, C.J.    | 9003020177       | 50-317   |
| COLLINS, D.M.   | 9002230367       | 70-1113          | COLLINS, S.J.   | 9003270430       | 50-458           | V      | COWGILL, C.J.    | 9003020183       | 50-247   |
| COLLINS, D.M.   | 9002230512       | 50-268 Q         | COLLINS, S.J.   | 9003270432       | 50-285           | F      | COWGILL, C.J.    | 9003020180       | 50-317   |
| COLLINS, D.M.   | 9002230521       | 50-413 Q         | COLLINS, T.R.   | 9003060037*      | 50-327           | S      | COWGILL, C.J.    | 9003120578*      | 50-317   |
| COLLINS, D.M.   | 9002230526       | 50-302 Q         | COLOMB, M.J.    | 9003130590       | 50-410           | Q      | COWGILL, C.J.    | 9003140390*      | 50-317   |
| COLLINS, D.M.   | 9003050076       | 60-321 Q         | COLTON, E.      | 9002270093       | EXPORTIC         | Q      | COWLES, R.       | 9003220264       | 50-354   |
| COLLINS, D.M.   | 9003060033       | 50-338 Q         | COLVIN, J.F.    | 9003210030       | 50-285           | Q      | COWLES, R.B.     | 9003010283       | 50-354   |
| COLLINS, D.M.   | 9003060038       | 50-302 F         | COLVIN, J.F.    | 9003230021*      | REVIEW GR P      |        | COZENS, G.       | 9002230149       | 71-528   |
| COLLINS, D.M.   | 9003130109       | 50-268 Q         | COMFORT, G.     | 9002260121       | 40-1478          |        | CRAIG, J.W.      | 9002260185*      | 50-454   |
| COLLINS, D.M.   | 9003130141       | 50-369 Q         | COMFORT, G.C.   | 9002280303*      | 70-607           |        | CRAIG, J.W.      | 9002260244*      | 50-461   |
| COLLINS, D.M.   | 9003130199       | 50-324 F         | CONDRA, R.D.    | 9003080210*      | 70-33            |        | CRAIG, J.W.      | 9003060186*      | 50-237   |
| COLLINS, D.M.   | 9003200432       | 50-269 F         | CONER, M.A.     | 9003090207*      | 50-327           | P      | CRAIG, J.W.      | 9003070077*      | 50-461   |
| COLLINS, D.M.   | 9003210003       | 50-395 Q         | CONGEL, F.J.    | 9003070052       | ORG              |        | CRAIG, J.W.      | 9003080147       | 50-264   |
| COLLINS, D.M.   | 9003210010       | 50-413 Q         | CONKLIN, C.     | 9003140007*      | 50-317           | Q      | CRAIG, J.W.      | 9003080154       | 50-237   |
| COLLINS, D.M.   | 9003210122       | 50-321 Q         | CONLON, T.E.    | 9002260280*      | 50-250           | Q      | CRAIG, J.W.      | 9003260033*      | 50-461   |
| COLLINS, D.M.   | 9003220012       | 50-324 Q         | CONLON, T.E.    | 9003050042*      | 50-395           | Q      | CRAMPTON, S.     | 9003020293       | CONTRACT |
| COLLINS, D.M.   | 9003220108       | 50-413 Q         | CONLON, T.E.    | 9003250012*      | 50-324           | Q      | CRAMPTON, S.     | 9003020298       | CONTRACT |
| COLLINS, D.M.   | 9003220109*      | 50-413 Q         | CONLON, T.E.    | 9003210025*      | 50-335           | Q      | CRAMPTON, S.     | 9003080254       | CONTRACT |
| COLLINS, D.M.   | 9003220122       | 50-269 Q         | CONNELLY, S.R.  | 9003050181*      | FOIA             |        | CRAMPTON, S.     | 9003080399       | CONTRACT |
| COLLINS, L.E.   | 9003060316       | 71-6717          | CONNOLLY, J.W.  | 9002260039       | 50-443           | P      | CRAMPTON, S.     | 9003080443       | CONTRACT |
| COLLINS, L.E.   | 9003080481*      | 71-6717          | CONSTABLE, G.L. | 9002220537*      | 50-458           | Q      | CRAMPTON, S.     | 9003120299       | CONTRACT |
| COLLINS, S.J.   | 9002220528       | 50-458 Q         | CONSTABLE, G.L. | 9003150085*      | 50-458           | Q      | CRAMPTON, S.     | 9003120416       | CONTRACT |
| COLLINS, S.J.   | 9002220674       | 50-287 F         | CONSTABLE, G.L. | 9003190094       | 50-458           | Q      | CRAMPTON, S.     | 9003120607       | CONTRACT |
| COLLINS, S.J.   | 9002260236       | 50-285 Q         | CONTE, R.       | 9003190093*      | 50-298           | Q      | CRAMPTON, S.     | 9003120670       | CONTRACT |
| COLLINS, S.J.   | 9002260264       | 50-462 Q         | CONTE, R.       | 9002270311*      | 50-218           | Q      | CRAMPTON, S.     | 9003120679       | CONTRACT |
| COLLINS, S.J.   | 9002260310       | 50-382 Q         | CONTE, R.       | 9003060079*      | 50-245           | V      | CRAMPTON, S.     | 9003120688       | CONTRACT |
| COLLINS, S.J.   | 9002260565       | 50-382 Q         | CONTE, R.       | 9003160258*      | 50-219           | V      | CRAMPTON, S.     | 9003120782       | CONTRACT |
| COLLINS, S.J.   | 9002270173       | 50-382 Q         | CONTE, R.J.     | 9003130041*      | 50-283           | V      | CRAMPTON, S.     | 9003130533       | CONTRACT |
| COLLINS, S.J.   | 9002270188       | 50-482 Q         | CONTE, R.J.     | 9003200449*      | 50-387           | V      | CRAMPTON, S.A.   | 9002260170       | CONTRACT |
| COLLINS, S.J.   | 9002280209       | 50-498 Q         | CONWAY, J.      | 9003220084       | 50-410           | S      | CRAMPTON, S.A.   | 9002260188       | CONTRACT |
| COLLINS, S.J.   | 9003020014       | 50-382 F         | CONWAY, R.      | 9002220660       | 50-423           | S      | CRAMPTON, S.A.   | 9002260198       | CONTRACT |
| COLLINS, S.J.   | 9003020040       | 50-458 Q         | CONWAY, W.F.    | 9002220494       | 50-529           | P      | CRAMPTON, S.A.   | 9002260332       | CONTRACT |
| COLLINS, S.J.   | 9003020044       | 50-458 F         | CONWAY, W.F.    | 9002260069       | 50-528           | F      | CRAMPTON, S.A.   | 9002260383       | CONTRACT |
| COLLINS, S.J.   | 9003020165       | 50-402 Q         | CONWAY, W.F.    | 9003080247       | 50-528           | R      | CRAMPTON, S.A.   | 9002260427       | CONTRACT |
| COLLINS, S.J.   | 9003020181       | 50-313 Q         | CONWAY, W.F.    | 9003150008       | 50-528           | Q      | CRAMPTON, S.A.   | 9002260501       | CONTRACT |
| COLLINS, S.J.   | 9003020224       | 50-313 Q         | CONWAY, W.F.    | 9003150115       | 50-528           | Q      | CRAMPTON, S.A.   | 9002270111       | CONTRACT |
| COLLINS, S.J.   | 9003050261       | 50-498 F         | CONWAY, W.F.    | 9003220202       | 50-528           | P      | CRAMPTON, S.A.   | 9002270122       | CONTRACT |
| COLLINS, S.J.   | 9003060042       | 60-498 F         | CONWAY, W.F.    | 9003280573       | 50-528           | P      | CRAMPTON, S.A.   | 9002270135       | CONTRACT |
| COLLINS, S.J.   | 9003060094       | 50-302 F         | CONWAY, W.F.    | 9003280584       | 50-530           | Q      | CRAMPTON, S.A.   | 9002270143       | CONTRACT |
| COLLINS, S.J.   | 9003060097       | 50-498 F         | CONWAY, W.F.    | 9003270330       | 50-528           | Q      | CRAMPTON, S.A.   | 9002270144       | CONTRACT |
| COLLINS, S.J.   | 9003060103       | 50-482 Q         | COOK, C.L.      | 9003130123*      | 40-2081          | R      | CRAMPTON, S.A.   | 9002270152       | CONTRACT |
| COLLINS, S.J.   | 9003060192       | 50-498 Q         | COOK, J.        | 9003260562       | 50-333           | R      | CRAMPTON, S.A.   | 9002270155       | CONTRACT |
| COLLINS, S.J.   | 9003060313       | 50-285 F         | COOL, D.A.      | 9003130688*      | 40-3392          | Q      | CRAMPTON, S.A.   | 9002270158       | CONTRACT |
| COLLINS, S.J.   | 9003070002       | 50-313 Q         | COOPER, R.W.    | 9003120236       | 60-237           | Q      | CRAMPTON, S.A.   | 9002270159       | CONTRACT |
| COLLINS, S.J.   | 9003080485       | 50-285 F         | COOPER, R.W.    | 9003200211       | 50-454           | Q      | CRAMPTON, S.A.   | 9002270167       | CONTRACT |
| COLLINS, S.J.   | 9003080075       | 50-408 Q         | COOPER, R.W.    | 9003220067       | 50-282           | Q      | CRAMPTON, S.A.   | 9002270220       | CONTRACT |
| COLLINS, S.J.   | 9003120585       | 50-267 V         | COOPER, T.      | 9002260097*      | 50-389           | Q      | CRAMPTON, S.A.   | 9002270234       | CONTRACT |
| COLLINS, S.J.   | 9003120587       | 50-382 Q         | COOPER, T.      | 9003270106*      | 60-369           | Q      | CRAMPTON, S.A.   | 9002270239       | CONTRACT |
| COLLINS, S.J.   | 9003120602       | 50-285 V         | COPELAND, R.A.  | 9003090378       | TOPREP           |        | CRAMPTON, S.A.   | 9002270255       | CONTRACT |
| COLLINS, S.J.   | 9003120610       | 60-458 Q         | COPELAND, R.A.  | 9003090439       | TOPREP           |        | CRAMPTON, S.A.   | 9002270261       | CONTRACT |
| COLLINS, S.J.   | 9003130034       | 50-313 Q         | CORDES, J.F.    | 9001170064       | 50-220           | T      | CRAMPTON, S.A.   | 9002270268       | CONTRACT |
| COLLINS, S.J.   | 9003130291       | 60-267 Q         | CORDES, J.F.    | 9002270072       | SECY             |        | CRAMPTON, S.A.   | 9002270272       | CONTRACT |
| COLLINS, S.J.   | 9003130609       | 50-482 Q         | CORDES, J.F.    | 9003060119       | 50-275           | P      | CRAMPTON, S.A.   | 9002270303       | CONTRACT |
| COLLINS, S.J.   | 9003130709       | 50-482 Q         | CORNWELL, K.F.  | 9003080440*      | 50-324           | A      | CRAMPTON, S.A.   | 9002270309       | CONTRACT |
| COLLINS, S.J.   | 9003140009       | 50-498 Q         | CORTLAND, P.    | 9003050308       | 50-390           | A      | CRAMPTON, S.A.   | 9002270318       | CONTRACT |

| AUTHOR        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---------------|---------------------|---------------------|-----------------|---------------------|---------------------|----------------|---------------------|---------------------|
| CRAMPTON,S.A  | 9002270321          | CONTRACT            | CROOK,D         | 9003150034          | 50-261              | CUTTER,A.B     | 9003190239          | 50-324              |
| CRAMPTON,S.A  | 9002270402          | CONTRACT            | CROSS,B.T.      | 9002220402*         | 50-328              | CUTTER,A.B     | 9003210285          | 50-324              |
| CRAMPTON,S.A  | 9002270411          | CONTRACT            | CROSS,J.E       | 9003220262          | 50-250              | CUTTER,A.B     | 9003220205          | 50-324              |
| CRAMPTON,S.A  | 9002270422          | CONTRACT            | CROUSE,P.J.     | 9003010003          | 40-3392             | CUTTER,A.B     | 9003260352          | 50-261              |
| CRAMPTON,S.A  | 9002270430          | CONTRACT            | CROW,W.T.       | 9003010048*         | 40-3392             | CWYNAR,J.C     | 9003210285*         | PROJ                |
| CRAMPTON,S.A  | 9002270435          | CONTRACT            | CROW,W.T.       | 9003010189*         | 40-3392             | D'AMATO,A.     | 8106230229*         | 50-220              |
| CRAMPTON,S.A  | 9002270438          | CONTRACT            | CROW,W.T.       | 9003130692*         | 40-3392             | D'AMATO,A.     | 8204280425*         | FOIA                |
| CRAMPTON,S.A  | 9002270443          | CONTRACT            | CROW,W.T.       | 9003130698*         | 40-3392             | D'AMATO,A.     | 8401120571*         | 50-3                |
| CRAMPTON,S.A  | 9002280095          | CONTRACT            | CROWE,B.M.      | 9003190058*         | WASTE MGT           | D'AMATO,A.     | 9003080395*         | FOIA                |
| CRAMPTON,S.A  | 9002280100          | CONTRACT            | CROWE,B.M.      | 9003190060*         | WASTE MGT           | D'AMATO,A.     | 9003300403*         | 50-3                |
| CRAMPTON,S.A  | 9002280113          | CONTRACT            | CROWELL,M.R.    | 9003260055          | PT21                | D'AMATO,A.     | 9003093466*         | 50-3                |
| CRAMPTON,S.A  | 9002280149          | CONTRACT            | CROWL,D.        | 9003360114          | 50-374              | D'AMATO,A.     | 9003120136*         | FOIA                |
| CRAMPTON,S.A  | 9002280205          | CONTRACT            | CROWL,D.        | 9003160033          | 50-374              | D'AMATO,A.     | 9003120210*         | FOIA                |
| CRAMPTON,S.A  | 9003010343          | CONTRACT            | CROWLEY,B.R.    | 9003080390*         | 50-348              | D'AMATO,A.     | 9003120253*         | 50-275              |
| CRAMPTON,S.A  | 9003010362          | CONTRACT            | CRUNK,S.L.      | 9003020037          | 50-312              | D'AMATO,A.     | 9003120355*         | FOIA                |
| CRAMPTON,S.A  | 9003010385          | CONTRACT            | CRUIK,S.L.      | 9003030149          | 50-312              | D'AMATO,A.     | 9003120363*         | 50-322              |
| CRAMPTON,S.A  | 9003010394          | CONTRACT            | CRUTCHFIELD,D.  | 9002140041*         | 50-445              | D'AMATO,A.     | 9003120412*         | FOIA                |
| CRAMPTON,S.A  | 9003010411          | CONTRACT            | CRUTCHFIELD,D.  | 9002140043*         | 50-445              | D'AMATO,A.     | 9003120480*         | 50-3                |
| CRAMPTON,S.A  | 9003010414          | CONTRACT            | CRUTCHFIELD,D.  | 9002140072*         | 50-445              | D'AMATO,A.     | 9003120545*         | FOIA                |
| CRAMPTON,S.A  | 9003010419          | CONTRACT            | CRUTCHFIELD,D.  | 9002140099*         | 50-445              | D'AMATO,A.     | 9003130104*         | FOIA                |
| CRAMPTON,S.A  | 9003010428          | CONTRACT            | CRUTCHFIELD,D.  | 9002140104*         | 50-445              | D'AMATO,A.     | 9003130441*         | 50-322              |
| CRAMPTON,S.A  | 9003030605          | CONTRACT            | CRUTCHFIELD,D.  | 9002140169*         | 50-445              | D'AMATO,A.     | 9003130515*         | 50-322              |
| CRAMPTON,S.A  | 9003090015          | CONTRACT            | CRUTCHFIELD,D.  | 9002140169*         | 50-445              | D'AMATO,A.     | 9003130536*         | FOIA                |
| CRAMPTON,S.A  | 9003090026          | CONTRACT            | CRUTCHFIELD,D.  | 9003050129          | 50-259              | D'AMATO,A.     | 9003130546*         | FOIA                |
| CRAMPTON,S.A  | 9003120065          | CONTRACT            | CRUTCHFIELD,D.  | 9003130021          | 50-259              | D'AMATO,A.     | 9003130560*         | FOIA                |
| CRAMPTON,S.A  | 9003120081          | CONTRACT            | CRUTCHFIELD,D.  | 9003130024*         | 50-259              | D'AMATO,A.     | 9003130563*         | 50-3                |
| CRAMPTON,S.A  | 9003120175          | CONTRACT            | CRUTCHFIELD,D.  | 9003140393          | 50-445              | D'AMATO,A.     | 9003180221*         | 50-3                |
| CRAMPTON,S.A  | 9003120194          | CONTRACT            | CRUTCHFIELD,D.  | 9003140400          | 50-259              | D'AMATO,A.     | 9003180223*         | 50-322              |
| CRAMPTON,S.A  | 9003150352          | CONTRACT            | CRUTCHFIELD,D.  | 9003150228          | 50-445              | D'AMATO,A.     | 9003180237*         | FOIA                |
| CRAWFORD,A.C  | 9002220471          | 50-267              | CRUTCHFIELD,D.  | 9003150230*         | 50-445              | D'AMATO,A.M    | 9003130576*         | FOIA                |
| CRAWFORD,A.C  | 9002220686          | 50-267              | CRUTCHFIELD,D.  | 9003150234*         | 50-445              | D'AMATO,A.M    | 9003130577*         | 50-334              |
| CRAWFORD,A.C  | 9002260346          | 50-267              | CRUTCHFIELD,D.  | 9003150312          | 50-259              | D'AMATO,A.M.   | 9003190160*         | FOIA                |
| CRAWFORD,A.C  | 9003080081          | 50-267              | CRUTCHFIELD,D.  | 9003220070          | 50-259              | DAHLBERG,K     | 9003010111          | 50-220              |
| CRAWFORD,A.C  | 9003080096          | 50-267              | CUNNINGHAM,E    | 9003150036          | CONTRACT            | DAHLBERG,K     | 9003270185          | 50-220              |
| CRAWFORD,A.C  | 9003090060          | 50-267              | CUNNINGHAM,G.E  | 9002220184          | 50-73               | DAHLBERG,K.A   | 9002260438*         | 50-220              |
| CRAWFORD,A.C  | 9003090433          | 50-267              | CUNNINGHAM,G.E. | 9002260082          | 71-5580             | DAHLBERG,K.A   | 9002260442*         | 50-220              |
| CRAWFORD,A.C  | 9003270382          | 50-267              | CUNNINGHAM,G.E. | 9003010129          | 70-754              | DAHLBERG,K.A   | 9002260443*         | 50-220              |
| CREED,J.      | 9003020176          | 50-254              | CUNNINGHAM,G.E. | 9003260040          | 50-73               | DARCYN,D.      | 9002260272*         | 50-315              |
| CREED,J.R.    | 9002270120*         | 50-483              | CUNNINGHAM,L.J. | 9003060258          | NUREG               | DANAS,S.       | 9003160318          | WASTE MGT           |
| CREED,J.R.    | 9003010226*         | 50-483              | CUNNINGHAM,L.J. | 9003130614*         | 40-3392             | DANIEL,H.      | 9003210065*         | 50-400              |
| CREED,J.R.    | 9003120045*         | 50-316              | CUNNINGHAM,L.J. | 9003210125          | 1&E                 | DANCE,H.C.     | 9002260114*         | 50-261              |
| CREED,J.R.    | 9003122266*         | 50-305              | CUNNINGHAM,R.E. | 9003300149*         | FOIA                | DANCE,H.C.     | 9002260329*         | 50-324              |
| CREED,J.R.    | 9003230025*         | 50-263              | CUNNINGHAM,R.E. | 9002260081          | 50-317              | DANCE,H.C.     | 9003120057*         | 50-324              |
| CREED,J.R.    | 9003260435*         | 50-483              | CUNNINGHAM,R.E. | 9002280081          | 50-3                | DANK,C.        | 9003220141*         | 50-261              |
| CREED,J.R.    | 9003260478*         | 50-341              | CUNNINGHAM,R.E. | 9003010172          | 50-3                | DANLOIS,D.B.   | 9002230033          | 50-20               |
| CREEL,G.C.    | 9002220518          | 50-317              | CUNNINGHAM,R.E. | 9003030369*         | FOIA                | DANIELSON,D.H. | 9003120241*         | 50-237              |
| CREEL,G.C.    | 9002220525          | 50-317              | CUNNINGHAM,R.E. | 9003030390*         | FOIA                | DANIELSON,D.H. | 9003200163*         | 50-255              |
| CREEL,G.C.    | 9003010357          | 50-317              | CUNNINGHAM,R.E. | 9003030393*         | FOIA                | DANIELSON,D.H. | 9003200216*         | 50-454              |
| CREEL,G.C.    | 9003020033          | 50-318              | CUNNINGHAM,R.E. | 9003110324          | 50-3                | DANIELSON,D.H. | 9003220070*         | 50-282              |
| CREEL,G.C.    | 9003060001          | 50-317              | CUNNINGHAM,R.E. | 9003160250          | 70-143              | DARCENT,T.     | 0701080633*         | FOIA                |
| CREEL,G.C.    | 9003030048          | 50-317              | CUNNINGHAM,R.E. | 9003200452*         | FOIA                | DARFEN,T.      | 9002270160          | 1&E                 |
| CREEL,G.C.    | 9003030049          | 50-317              | CUNNINGHAM,R.E. | 9003210130*         | FOIA                | DARFEN,T.      | 9003260447          | 1&E                 |
| CREEL,G.C.    | 9003090050          | 50-317              | CUNNINGHAM,R.E. | 9003210149*         | FOIA                | DARFEN,N.      | 9003010351          | PH                  |
| CREEL,G.C.    | 9003090065          | 50-317              | CUNNINGHAM,R.R. | 9002280273          | PROJ                | DARMITZEL,R.W. | 9003060165*         | 50-18               |
| CREEL,G.C.    | 9003090135          | 50-317              | CURRAN,D.       | 9003050051          | 50-443              | DAVIS,A.B.     | 9002260262          | 50-295              |
| CREEL,G.C.    | 9003090242          | 50-317              | CURRAN,D.       | 9003050051          | 50-443              | DAVIS,A.B.     | 9003010231*         | 40-3392             |
| CREEL,G.C.    | 9003090254          | 50-317              | CURRAN,D.       | 9003050051*         | 50-443              | DAVIS,A.B.     | 9003010244*         | 40-3392             |
| CREEL,G.C.    | 9003150280          | 50-317              | CURRAN,D.       | 9003050051          | 50-443              | DAVIS,A.B.     | 9003010271          | 50-255              |
| CREEL,G.C.    | 9003150410          | 50-317              | CURRAN,D.       | 9003050056*         | 50-443              | DAVIS,A.B.     | 9003010273*         | 50-255              |
| CREEL,G.C.    | 9003160143          | 50-317              | CURRAN,D.       | 9003050056*         | 50-443              | DAVIS,A.B.     | 9003050164          | 50-316              |
| CREEL,G.C.    | 9003190156          | 50-317              | CURRAN,D.       | 9003050056*         | 50-443              | DAVIS,A.B.     | 9003050165*         | 50-316              |
| CREEL,G.C.    | 9003190167          | 50-317              | CURRAN,D.       | 9003050056*         | 50-443              | DAVIS,A.B.     | 9003090620          | 40-3392             |
| CREEL,G.C.    | 9003190275          | 50-317              | CURRAN,D.       | 9003160070          | 50-443              | DAVIS,A.B.     | 9003120527*         | 40-2081             |
| CREEL,G.C.    | 9003230059          | 50-317              | CURRAN,D.       | 9003160070          | 50-443              | DAVIS,A.B.     | 9003120527*         | 40-2081             |
| CREEL,G.C.    | 9003270026          | 50-317              | CURRAN,D.       | 9003160142          | 50-443              | DAVIS,A.B.     | 9003120530*         | 40-2091             |
| CREEL,G.C.    | 9003270066          | 50-317              | CURRAN,D.       | 9003160142          | 50-443              | DAVIS,A.B.     | 9003120564*         | 40-2081             |
| CREEL,G.C.    | 9003270227          | 50-317              | CURRAN,D.       | 9003160142          | 50-443              | DAVIS,A.B.     | 9003120588*         | 40-2081             |
| CRESS,J.      | 9003220056          | 50-254              | CLARRAN,D.      | 9003160142          | 50-443              | DAVIS,A.B.     | 9003120595*         | 40-2081             |
| CRIBBE,T.E    | 9003060303          | 50-277              | S               | 9003160142          | 50-443              | DAVIS,A.B.     | 9003120595*         | 40-2081             |
| CRIBBE,T.E    | 9003080112          | 50-277              | S               | 9003220184          | 50-443              | DAVIS,A.B.     | 9003120644*         | 40-2081             |
| CRIBBE,T.E    | 9003080132          | 50-278              | S               | 9003220184          | 50-443              | DAVIS,A.B.     | 9003120668*         | 40-2081             |
| CRIBBE,T.E    | 9003080261          | 50-278              | S               | 9003220184          | 50-443              | DAVIS,A.B.     | 9003160063          | 50-304              |
| CRIBBE,T.E    | 9003220048          | 50-277              | S               | 9003220187*         | 50-443              | DAVIS,A.B.     | 9003200280          | 50-295              |
| CRIBBE,T.E    | 9003220050          | 50-277              | S               | 9003220187*         | 50-443              | DAVIS,A.B.     | 9003200336          | 50-295              |
| CRIMM,N.S.T.M | 9003150408          | 50-272              | Q               | 9003220187*         | 50-443              | DAVIS,A.B.     | 9003200337          | 50-295              |
| CRIMMINS,T.M  | 9003150475          | 50-354              | P               | 9003220187*         | 50-443              | DAVIS,A.B.     | 9003200353          | 50-481              |
| CRIST,M.L.    | 9003080034          | 50-387              | Q               | 9003230035          | 50-443              | DAVIS,A.B.     | 9003210223          | 50-440              |
| CRLENJAK,R    | 9003080035*         | 50-302              | Q               | 9003230035          | 50-443              | DAVIS,A.B.     | 9003210224*         | 50-440              |
| CRLENJAK,R.V  | 9002280307*         | 50-335              | O               | 9003230035          | 50-443              | DAVIS,A.B.     | 9003220280          | 50-295              |
| CRLENJAK,R.V. | 9003050036          | 50-302              | P               | 9003230035          | 50-443              | DAVIS,A.B.     | 9003220291*         | 50-295              |
| CRLENJAK,R.V. | 9003090404*         | 50-250              | Q               | 9002220060*         | 50-443              | DAVIS,E.C.     | 9003120764          | NUREQ               |
| CRLENJAK,R.V. | 9003210041*         | 50-335              | Q               | 9002270029          | 50-324              | DAVIS,J.M.     | 9003080340*         | 50-389              |
| CROCKER,L.P   | 9003140244          | 50-321              | P               | 9003080152          | 50-400              | DAVIS,M.J.     | 9002220448          | 50-305              |
| CROCKER,L.P   | 9003190306          | 50-424              | P               | 9003080169          | 50-324              | DAVIS,M.J.     | 9002260351          | 50-305              |
| CROCKER,L.P.  | 9003200101          | 50-321              | P               | 9003090511          | 50-324              | DAVIS,M.J.     | 9003140365          | 50-305              |
| CROCKER,L.P.  | 9003210067          | 50-321              | P               | 9003120747          | 50-325              | DAVIS,M.J.     | 9003150148          | 50-305              |
| CROCKER,L.P.  | 9003230133          | 50-321              | P               | 9003140035          | 50-400              | DAVIS,M.J.     | 9003160150          | 50-305              |
| CRONIN,J.T.   | 9003220283*         | 50-271              | P               | 9003140279          | 50-281              | DAVIS,M.J.     | 9003190198          | 50-305              |

| AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER  | SUBJECT CATEGORY | AUTHOR    | ACCESSION NUMBER | SUBJECT CATEGORY |             |           |
|-------------------|------------------|------------------|--------|-------------------|------------------|-----------|------------------|------------------|-------------|-----------|
| DAVIS, M. J.      | 9003230243       | 50-305           | P      | D'ETZ, C. R.      | 9002220541       | 50-261    | Q                | DUNKLEMAN, M.    | 9002260390  | 27-48     |
| DAVIS, P. A.      | 9003190287       | NUREG            |        | D'ETZ, C. R.      | 9003020042       | 50-261    | S                | DURGAN, T.       | 9003010321  | PR        |
| DAVIS, R. T.      | 9003270212*      | 50-244           | P      | D'GNAN, T. G.     | 9003010028       | 50-443    | G                | DURR, J. P.      | 9002230342  | 50-277    |
| DAV, S. S. E.     | 9002220612       | 50-387           | S      | D'GNAN, T. G.     | 9003010028       | 50-443    | G                | DURR, J. P.      | 9002270205  | 50-277    |
| DAVISON, W. S.    | 9003220088       | 50-397           | S      | D'GNAN, T. G.     | 9003010143       | 50-443    | G                | DURR, J. P.      | 9003070290  | 50-387    |
| DAWSON, E.        | 9003370070*      | 50-341           | R      | DIGNAN, T. G.     | 9003010143       | 50-443    | G                | DURR, J. P.      | 9003060031  | 50-352    |
| DAWSON, E.        | 9003200119       | 50-341           | R      | DIGNAN, T. G.     | 9003160076       | 50-443    | G                | DURR, J. P.      | 9003120559  | 50-334    |
| DAY, J.           | 9003010450       | PR               |        | DIGNAN, T. G.     | 9003160078       | 50-443    | G                | DURR, J. P.      | 9003140003  | 50-397    |
| DE AGAZIO, A. W.  | 9002220375       | 50-255           | P      | DIGNAN, T. G.     | 9003180058       | 50-443    | G                | DURR, J. P.      | 9003140037  | 50-286    |
| DE AGAZIO, A. W.  | 9002230502       | 50-255           | P      | DIGNAN, T. G.     | 9003180058       | 50-443    | G                | DURR, J. P.      | 9003140118  | 50-289    |
| DEAN, R. S.       | 9003070241       | NUREG            |        | DIGNAN, T. G.     | 9003220178       | 50-443    | G                | DURR, J. P.      | 9003140271  | 50-272    |
| DEAN, R. S.       | 9003120758       | NUREG            |        | DIGNAN, T. G.     | 9003220178       | 50-443    | G                | DURR, J. P.      | 9003150285  | 50-289    |
| DEAN, R. S.       | 9003120769       | NUREG            |        | DIGNAN, T. G.     | 9003230017       | 50-443    | G                | DURR, J. P.      | 9003160042* | 50-352    |
| DEASON, T.        | 9003010474       | PR               |        | DIGNAN, T. G.     | 9003230017       | 50-443    | G                | DURR, J. P.      | 9003160089  | 50-286    |
| DEBARBER, E.      | 9003260102       | 50-213           | F      | DIGNAN, T. G.     | 9003230095       | 50-443    | G                | DURR, J. P.      | 9003160286  | 50-336    |
| DECKER, T.        | 9003210356*      | FOIA             |        | DIGNAN, T. G.     | 9003230095       | 50-443    | G                | DUTTON, J. W.    | 9003230207* | 50-288    |
| DECKER, T. R.     | 9002230370*      | 70-1113          |        | DIANNI, D. C.     | 9003193273       | 50-282    | P                | EAPEN, P. K.     | 9002260313* | 50-271    |
| DECKER, T. R.     | 9002230515*      | 50-269           | Q      | DIANNI, D. C.     | 9003210160       | 50-282    | F                | EAPEN, P. K.     | 9002270302* | 50-283    |
| DECKER, T. R.     | 9003050002*      | 60-327           | Q      | DIANNI, D. C.     | 9003210175       | 50-282    | P                | EAPEN, P. K.     | 9003070095  | 50-293    |
| DECKER, T. R.     | 9003050046*      | 50-259           | Q      | DIANNI, D. C.     | 9003230114       | 50-282    | P                | EAPEN, P. K.     | 9003140273* | 50-272    |
| DECKER, T. R.     | 9003210004*      | 50-395           | Q      | DIANNI, D. C.     | 9003150266       | 50-282    | P                | EAPEN, P. K.     | 9003160239* | 50-29     |
| DEDDENS, J. C.    | 9003160086       | 50-458           | P      | DIANNI, D. C.     | 9003150278       | 50-282    | Q                | EARNEST, A. B.   | 9002140080* | 50-445    |
| DEDDENS, J. C.    | 9003230217       | 50-458           | O      | DIMASCO, N. J.    | 9003080255       | 50-293    | R                | EARNEST, A. B.   | 9002280298* | 50-445    |
| DEDDENS, J. C.    | 9003230221       | 50-458           | O      | DIRCKS, W. J.     | 8106230225*      | 50-220    | H                | EASLUCK, T.      | 9002270311* | 50-219    |
| DEDDENS, J. C.    | 9003260262       | 50-458           | P      | DIRCKS, W. J.     | 8212010344*      | FOIA      |                  | EASTON, E. P.    | 9003200413* | 71-5939   |
| DEELSNOYDER, L.   | 9003160313       | 50-254           | R      | DIRCKS, W. J.     | 8401120564*      | 50-3      | H                | EBNETER, S. D.   | 9002230542  | 50-413    |
| DEFAYETTE, R. W.  | 9003210051*      | 50-341           | Q      | DIRCKS, W. J.     | 9003090420*      | FOIA      |                  | EBNETER, S. D.   | 9002260058  | REVIEW GR |
| DELLA GRECA, A.   | 9002270280*      | 50-277           | Q      | DIRCKS, W. J.     | 9003210198*      | FOIA      |                  | EBNETER, S. D.   | 9002260142  | 50-281    |
| DELLA GRECA, A.   | 9003120561*      | 50-334           | Q      | DIRCKS, W. J.     | 9003210389*      | FOIA      |                  | EBNETER, S. D.   | 9002260167  | 50-424    |
| DELLA GRECA, A.   | 9003160096*      | 50-288           | Q      | DIRCKS, W. J.     | 9003120403*      | 50-322    | H                | EBNETER, S. D.   | 9002260306  | 50-400    |
| DELLIGATTI, M. S. | 9003080320       | WASTE MGT        |        | DIRCKS, W. J.     | 9003130213*      | FOIA      |                  | EBNETER, S. D.   | 9002260310  | 50-280    |
| DELMEDICO, J.     | 9003120246       | I&E              |        | DIRCKS, W. J.     | 9003210112*      | FOIA      |                  | EBNETER, S. D.   | 9002260400  | 50-338    |
| DELMEDICO, J.     | 9003120251       | I&E              |        | DOBBS, C. A.      | 9003120744       | NUREG     |                  | EBNETER, S. D.   | 9002260412  | 50-261    |
| DELMEDICO, J.     | 9003140213       | I&E              |        | DOBSON, D. C.     | 9002260445*      | WASTE MGT |                  | EBNETER, S. D.   | 9002270431  | 50-338    |
| DELMEDICO, J.     | 9003140337       | I&E              |        | DODA, R. J.       | 9003140018       | I&E       |                  | EBNETER, S. D.   | 9003050031  | 50-302    |
| DELMEDICO, J.     | 9003160246       | I&E              |        | DODA, R. J.       | 9003220039       | I&E       |                  | EBNETER, S. D.   | 9003050097  | 50-302    |
| DELMEDICO, J.     | 9003160273       | I&E              |        | DODD, B.          | 9003080266*      | 50-243    | R                | EBNETER, S. D.   | 9003050100  | 50-424    |
| DELMEDICO, J.     | 9003160281       | I&E              |        | DODGE, R. E.      | 9002270208       | 50-244    | R                | EBNETER, S. D.   | 9003050123  | 50-302    |
| DELMEDICO, J.     | 9003200017       | I&E              |        | DODGE, R. E.      | 9003220194       | 50-244    | R                | EBNETER, S. D.   | 9003050198  | 50-250    |
| DELMICHE, D. E.   | 9003160183*      | 50-366           | Q      | DOERFLEIN, L. T.  | 9002270401*      | 50-277    | Q                | EBNETER, S. D.   | 9003080379  | 50-335    |
| DEMOS, G.         | 9003070281       | NUREG            |        | DOERFLEIN, L. T.  | 9003010159       | 50-352    | Q                | EBNETER, S. D.   | 9003080396  | 50-321    |
| DENTON, H. R.     | 8910310083       | SECY             |        | DOERFLEIN, L. T.  | 9003180334       | 50-352    | O                | EBNETER, S. D.   | 9003090521  | 50-269    |
| DENTON, H. R.     | 9003140077       | WASTE MGT        |        | DOERFLEIN, L. T.  | 9003280501*      | 50-277    | O                | EBNETER, S. D.   | 9003140321  | 50-369    |
| DENTON, H. R.     | 9003180209*      | FOIA             |        | DOERFLEIN, L. T.  | 9003270031*      | 50-322    | O                | EBNETER, S. D.   | 9003270024  | 50-280    |
| DENTON, R. E.     | 9002260452       | 50-317           | R      | DOIL, C.          | 9003280153       | 50-304    | S                | EBNETER, S. D.   | 9003210131  | 50-413    |
| DENTON, R. E.     | 9003010278       | 50-317           | S      | DOLAN, E. R.      | 9002230106       | 50-255    | F                | EBNETER, S. D.   | 9003210134* | 50-413    |
| DENTON, R. E.     | 9003020118       | 50-317           | S      | DONAHUE, J. F.    | 9003010176*      | 40-3392   |                  | ECONOMOS, N.     | 9003090211* | 50-324    |
| DENTON, R. E.     | 9003020306       | 50-317           | S      | DONNELLY, L. J.   | 9002070263       | SECY      |                  | ECONOMOS, N.     | 9003210213  | 50-280    |
| DENTON, R. E.     | 9003080475       | 50-317           | S      | DOOLIN, L.        | 9003140370*      | CONTRACT  |                  | ECONOMOS, N. E.  | 9003210002* | 50-289    |
| DENTON, R. E.     | 9003090251       | 50-318           | S      | DORNISFE, W. P.   | 9003210152       | PR        |                  | ED, D. D.        | 9003130406* | 40-3302   |
| DENTON, R. E.     | 9003080260       | 50-317           | S      | DORWICK, K. C.    | 9003150291       | 50-374    | S                | EDDY, J. D.      | 9002230134  | 50-156    |
| DENTON, R. E.     | 9003140377       | 50-318           | S      | DOSANJH, S. S.    | 9003070229       | NUREG     |                  | EDDY, J. D.      | 9003060006  | 50-155    |
| DENTON, R. E.     | 9003190137       | 50-317           | S      | DOUGLAS, P. G.    | 9003020245       | 71-9058   |                  | EDDY, J. D.      | 9003060010  | 50-155    |
| DENTON, R. E.     | 9003200195       | 50-317           | R      | DRACH, P. S.      | 9003010466*      | WASTE MGT |                  | EDDY, J. D.      | 9003060285  | 50-155    |
| DENTON, R. E.     | 9003220081       | 50-317           | S      | DRAGOUN, T. F.    | 9003270224*      | 70-687    |                  | EDDY, J. D.      | 9003080085  | 50-155    |
| DENTON, R. E.     | 9003220076       | 50-317           | S      | DRAWBRIDGE, B. L. | 9003180398       | 50-443    | V                | EDDY, J. D.      | 9003080146  | 50-155    |
| DENTON, R. E.     | 9003220125       | 50-317           | S      | DREHER, F. A.     | 9003220032*      | 40-3382   |                  | EDDY, J. D.      | 9003080272  | 50-155    |
| DESAI, B. B.      | 9003130094*      | 50-289           | O      | DREYER, E.        | 9003090146       | 50-338    | R                | EDDY, J. D.      | 9003160050  | 50-155    |
| DEFTER, G. L.     | 9003220072       | 50-317           | H      | DREYER, E. W.     | 9002270256       | 60-338    | R                | EDGAR, J. B.     | 9003220083  | 71-9217   |
| DEVINE, J. C.     | 9003010472       | 50-219           | Q      | DRISCOLL, M. J.   | 9003200430*      | 50-20     | P                | EDGAR, J. B.     | 9003270307  | 70-1257   |
| DEVINE, J. C.     | 9003020255       | 50-219           | P      | DROMERICK, A. W.  | 9003080178       | 50-219    | P                | EDGEWORTH, P.    | 9003160133  | CONTRACT  |
| DEVOE, M. J.      | 9003090519*      | 50-324           | P      | DROMERICK, A. W.  | 9003080191       | 50-219    | P                | EDISON, G. E.    | 9003200070  | 50-250    |
| DEWALL, D. G.     | 9002230506*      | 50-255           | P      | DROMERICK, A. W.  | 9003103730       | 50-219    | P                | EDISON, G. E.    | 900320010   | 50-250    |
| DEWIT, R.         | 9003070230       | NUREG            |        | DROMERICK, A. W.  | 9003150082       | 50-219    | P                | EDISON, G. E.    | 9003230210  | 50-250    |
| DEY, M.           | 9003140289*      | 50-316           | Q      | DROMERICK, A. W.  | 9003160185       | 50-219    | P                | EDISON, G. E.    | 9003230298  | 50-250    |
| DIAMOND, E.       | 9003180315       | 50-286           | S      | DROMERICK, A. W.  | 9003180311       | 50-219    | P                | EENIGENBURG, E.  | 9002260575  | 50-10     |
| DIAZ, T. P.       | 9003160183*      | 50-366           | Q      | DROMERICK, A. W.  | 9003180320       | 50-219    | P                | EENIGENBURG, E.  | 9003050173  | 50-10     |
| DICHARRY, R. D.   | 9003090072       | 71-9056          |        | DROMERICK, A. W.  | 9003200080       | 50-219    | P                | EENIGENBURG, E.  | 9003070263  | 50-249    |
| DICK, G. F.       | 9003130152       | 50-498           | Q      | DROSTE, J. B.     | 9002280017       | 50-316    | S                | EENIGENBURG, E.  | 9003090477* | 50-237    |
| DICK, G. F.       | 9003150392       | 50-498           | P      | DRUGA, R. J.      | 9001050085*      | 50-334    | R                | EENIGENBURG, E.  | 9003140404  | 50-249    |
| DICK, G. F.       | 9003220009       | 50-498           | P      | DRUGA, R. J.      | 9003070326       | 50-334    | R                | EENIGENBURG, E.  | 9003190263  | 50-249    |
| DICK, G. F.       | 9003260216       | 50-498           | P      | DRUGA, R. J.      | 9005070333*      | 50-334    | R                | EENIGENBURG, E.  | 9003200317  | 50-10     |
| DICK, G. F.       | 9003280237*      | 50-498           | P      | DRUGA, R. J.      | 9003140198       | 50-334    | P                | EENIGENBURG, E.  | 9003270403  | 50-249    |
| DICKERSON, C.     | 9003010331       | PR               |        | DUBOSE, B. J.     | 9003200057       | CONTRACT  |                  | EKECHUKWU, O. E. | 9003090332* | 50-369    |
| DICUS, G. J.      | 9002220585*      | COMMISSION       |        | DUBOSE, B. J.     | 9003230194       | CONTRACT  |                  | EKECHUKWU, O. E. | 9003090339* | 50-369    |
| DIEDERICH, G. J.  | 9002280213       | 50-373           | S      | DUGSTAD, D.       | 9003130607       | 50-282    | R                | ELLERSHAW, L. E. | 9003130739* | 50-482    |
| DIEDERICH, G. J.  | 9003050102       | 50-373           | R      | DUKAKIS, M. S.    | 9002130071*      | WASTE MGT |                  | ELLERSHAW, L. E. | 9003140012* | 50-498    |
| DIEDERICH, G. J.  | 9003060114       | 50-374           | S      | DULICK, A. M.     | 9003120704       | 50-334    | R                | ELLIS, C. N.     | 9003190258  | XPORTLIC  |
| DIEDERICH, G. J.  | 9003060256       | 60-373           | S      | DUNGAN, T. F.     | 9003080190*      | CONTRACT  |                  | ELLIS, D. W.     | 9003220063  | 50-293    |
| DIEDERICH, G. J.  | 9003080087       | 50-373           | S      | DUNKELMAN, M.     | 9002260489       | 27-48     |                  | ELLIS, J.        | 9003220010  | 50-445    |
| DIEDERICH, G. J.  | 9003090486*      | 50-237           | R      | DUNKLEMAN, M.     | 9002260538       | 27-48     |                  | ELLIS, J.        | 9003270056* | 50-445    |
| DIEDERICH, G. J.  | 9003140316       | 50-373           | R      | DUNKLEMAN, M.     | 9003050276       | 27-48     |                  | ELMS, A. L.      | 9003180176  | 50-423    |
| DIEDERICH, G. J.  | 9003150291       | 50-374           | S      | DUNKELMAN, M.     | 9003050286       | 27-48     |                  | ELROD, S. A.     | 9002260307* | 50-335    |
| DIEDERICH, G. J.  | 9003160033       | 50-374           | S      | DUNKELMAN, M.     | 9003140033       | 27-48     |                  | ELROD, S. A.     | 9003210041* | 50-335    |
| DIEDERICH, G. J.  | 9003160047       | 50-373           | Q      | DUNKELMAN, M.     | 9003140044       | 27-48     |                  | ELSEN, M. J.     | 9003020125  | 27-48     |
| DIEDERICH, G. J.  | 9003160115       | 50-373           | R      | DUNKLEMAN, M.     | 9002260262       | 27-48     |                  | ELSEN, M. J.     | 9003120202  | 27-48     |
| DIEDERICH, G. J.  | 9003210353       | 50-373           | P      | DUNKLEMAN, M.     | 9002260260       | 27-48     |                  | ENG, P. L.       | 9002270048* | 50-341    |
| DIEDERICH, G. J.  | 9003220068       | 50-373           | S      | DUNKLEMAN, M.     | 9002280278       | 27-48     |                  | ENG, P. L.       | 9002270096  | 50-341    |

|                |             |          |   |                |             |           |   |                |             |            |
|----------------|-------------|----------|---|----------------|-------------|-----------|---|----------------|-------------|------------|
| ENG,P.L.       | 9003140115  | 50-341   | P | FAY,C.W.       | 9003160324  | 50-266    | R | FISHER,W.L.    | 9003020167* | FOIA       |
| ENG,P.L.       | 9003150319  | 50-341   | P | FAY,C.W.       | 9003160386  | 50-266    | F | FISHER,W.L.    | 9003120693* | 40-2061    |
| ENG,P.L.       | 9003200086  | 50-341   | P | FAY,C.W.       | 9003210310  | 50-266    | P | FISHER,W.L.    | 9003140423  | I&E        |
| ENGLAND,L.A.   | 9003140041  | 50-458   | S | FAY,C.W.       | 9003220286  | PR        | P | FISCARO,J.J.   | 9003280277  | 50-388     |
| ENGLAND,L.A.   | 9003200043  | 50-468   | S | FECTEAU,M      | 9003130501* | 50-498    | P | FISCARO,J.J.   | 9003010044  | 50-313     |
| ENGLAND,L.A.   | 9003210261  | 50-458   | S | FEIGE,E.       | 9002270462* | 50-354    | Q | FISCARO,J.J.   | 9003080502  | 50-313     |
| ENGLE,I.       | 9003140208  | 50-338   | P | FEIGENBAUM,T   | 9003130602  | 50-443    | Q | FISCARO,J.J.   | 9003140068  | 50-313     |
| ENGLE,L.B.     | 9003080067  | 50-338   | P | FEIGENBAUM,T.C | 9002260039  | 50-443    | P | FISCARO,J.J.   | 9003140075  | 50-388     |
| ENGLE,L.B.     | 9003080192  | 50-280   | P | FEIGENBAUM,T.C | 9002270151  | 50-443    | R | FISCARO,J.J.   | 9003140095  | 50-313     |
| ENGLE,L.B.     | 9003230227  | 50-338   | F | FEIGENBAUM,T.C | 9002270251  | 50-443    | P | FISCARO,J.J.   | 9003140107  | 50-313     |
| ENNIS,J.D.     | 9003130623* | 70-1252  |   | FEIGENBAUM,T.C | 9002280136  | 50-443    | P | FISCARO,J.J.   | 9003140296  | 50-313     |
| ENTREKIN,M.B.  | 9003090340* | 50-369   | R | FEIGENBAUM,T.C | 9003050235  | 50-443    | P | FISCARO,J.J.   | 9003150075  | 50-313     |
| ERICKSON,B.A.  | 9003300134* | 40-2061  |   | FEIGENBAUM,T.C | 9003060078  | 50-443    | Q | FISCARO,J.J.   | 9003150162  | 50-368     |
| ERICKSON,P.B.  | 9002260571  | 50-267   | P | FEIGENBAUM,T.C | 9003080279  | 50-443    | S | FISCARO,J.J.   | 9003150284  | 50-313     |
| ERICKSON,P.B.  | 9003200133  | 50-267   | P | FEIGENBAUM,T.C | 9003080397  | 50-443    | R | FISCARO,J.J.   | 9003190255  | 50-313     |
| ERICKSON,R.A.  | 9002080367* | 50-397   | F | FEIGENBAUM,T.C | 9003080405  | 50-443    | R | FISCARO,J.J.   | 9003200271  | 50-313     |
| ER,N.L.E.      | 9003140284* | 50-327   | P | FEIGENBAUM,T.C | 90031308421 | 50-443    | R | FISCARO,J.J.   | 9003200273  | 50-368     |
| ERNSTES,M.E.   | 9003050225* | 50-297   | V | FEIGENBAUM,T.C | 9003080462  | 50-443    | R | FISCARO,J.J.   | 9003220319  | 50-388     |
| ERNSTES,M.E.   | 9003090284* | 50-395   | V | FEIGENBAUM,T.C | 9003140043  | 50-443    | S | FISCARO,J.J.   | 9003280022  | 50-313     |
| ERNSTES,M.E.   | 9003220170* | 50-424   | V | FEIGENBAUM,T.C | 9003140267  | 50-443    | R | FISCARO,J.J.   | 9003280115  | 50-313     |
| ERWIN,R.       | 9002230073  | 71-9157  |   | FEIGENBAUM,T.C | 9003140429  | 50-443    | S | FISCARO,J.J.   | 9002260123  | 50-313     |
| ESELGROTH,P.W. | 9003210021  | 50-317   | V | FEIGENBAUM,T.C | 9003150089  | 50-443    | Q | FITZPATRICK,E. | 9002090037  | 71-355     |
| ESELGROTH,P.W. | 9002260579  | 50-157   | V | FEIGENBAUM,T.C | 9003150416  | 50-443    | Q | FITZPATRICK,E. | 9002270217  | 50-219     |
| ESELGROTH,P.W. | 9002270412  | 50-134   | V | FEIGENBAUM,T.C | 9003150421  | 50-443    | P | FITZPATRICK,E. | 9002280212  | 50-219     |
| ESELGROTH,P.W. | 9002270469* | 50-29    | Q | FEIGENBAUM,T.C | 9003150447  | 50-443    | Q | FITZPATRICK,E. | 9002280214* | 50-219     |
| ESELGROTH,P.W. | 9003070136  | 50-412   | V | FEIGENBAUM,T.C | 9003160374  | 50-443    | P | FITZPATRICK,E. | 9003010354  | 50-219     |
| ESELGROTH,P.W. | 9003140105  | 50-29    | V | FEIGENBAUM,T.C | 9003160403  | 50-443    | Q | FITZPATRICK,E. | 9003010359* | 50-219     |
| ESELGROTH,P.W. | 9003150007* | 50-289   | V | FEIGENBAUM,T.C | 9003190019  | 50-443    | Q | FITZPATRICK,E. | 9003060035  | 50-219     |
| ESELGROTH,P.W. | 9003270066* | 50-223   | V | FEIGENBAUM,T.C | 9003200039  | 50-443    | R | FITZPATRICK,E. | 9003070100  | 50-219     |
| ESSIG,T.H.     | 9003120505* | 40-2081  |   | FEIGENBAUM,T.C | 9003200300* | 50-443    | P | FITZPATRICK,E. | 9003080406  | 50-219     |
| ESSIG,T.H.     | 9003120517* | 40-2061  |   | FEIGENBAUM,T.C | 9003200376  | 50-443    | S | FITZPATRICK,E. | 9003080411* | 50-219     |
| EWBY,L.W.      | 9003090084  | 50-324   | Q | FEIGENBAUM,T.C | 9003200384  | 50-443    | S | FITZPATRICK,E. | 9003080442  | 50-219     |
| EVANS,D.D.     | 9003070258  | NUREG    |   | FEIGENBAUM,T.C | 9003200391  | 50-443    | P | FITZPATRICK,E. | 9003090247  | 50-219     |
| EVANS,K.R.     | 9003150323  | 50-463   | S | FEIGENBAUM,T.C | 9003220027  | 50-443    | R | FITZPATRICK,E. | 9003130338  | 50-219     |
| EVERETT,R.J.   | 9002140063* | 50-445   | Q | FELDMAN,S.C.   | 9003220266  | WASTE MGT |   | FITZPATRICK,E. | 9003140018  | 50-219     |
| EVERS,K.H.     | 9002260342  | 50-305   | P | FELTON,J.M.    | 9003190198  | FOIA      |   | FITZPATRICK,E. | 9003140022  | 50-219     |
| EVERS,K.H.     | 9002260453  | 50-305   | Q | FELTON,J.M.    | 9003190286  | FOIA      |   | FITZPATRICK,E. | 9003150240  | 50-219     |
| EVERS,K.H.     | 9003010485  | 50-306   | F | FELTZ,D.E.     | 9003080232  | 50-128    | P | FITZPATRICK,E. | 9003160098  | 50-219     |
| EVERS,K.H.     | 9003060198  | 71-362   |   | FERNER,P.      | 9003210468  | PR        |   | FITZPATRICK,E. | 9003160505  | 50-219     |
| EVERS,K.H.     | 9003080082  | 50-305   | R | FERDINAND,B.   | 9003150218  | 40-8905   |   | FITZPATRICK,E. | 9003190054  | 50-219     |
| EVERS,K.H.     | 9003060438  | 50-305   | R | FERGUSON,B.S.  | 9003090071  | 50-10     | F | FITZPATRICK,E. | 9003200199  | 50-219     |
| EVERS,K.H.     | 9002260451  | 50-305   | P | FERGUSON,J.C.  | 9003140456  | 40-492    |   | FITZPATRICK,E. | 9003200545  | 50-219     |
| EVERS,K.H.     | 9003120025  | 50-305   | P | FERGUSON,J.C.  | 9003150123  | 40-492    |   | FITZPATRICK,E. | 9003260548  | 50-219     |
| EVERS,K.H.     | 9003150282  | 50-305   | P | FERGUSON,J.C.  | 9003160036  | 40-492    |   | FLATER,D.A.    | 9003210120  | PR         |
| EVERS,K.H.     | 9003160219  | 50-305   | R | FERGUSON,M.    | 9003160282  | 40-8584   |   | FLIEGEL,M.     | 9002260200  | WASTE MGT  |
| EVERS,K.H.     | 9003220001  | 50-305   | R | FERNANDEZ,W.   | 9002260210  | 50-333    | S | FLOYD,S.D.     | 9002260574  | TOPREP     |
| EVERS,K.H.     | 9002220271  | 50-305   | P | FERNANDEZ,W.   | 9002260545  | 50-333    | S | FLOYD,S.D.     | 9002270253  | I&E        |
| EWING,E.C.     | 9002270444  | 50-313   | Q | FERNANDEZ,W.   | 9003130010  | 50-333    | R | FLOYD,S.D.     | 9003140005  | TOPREP     |
| EWING,E.C.     | 9003060308  | 50-368   | S | FERNANDEZ,W.   | 9003140056  | 50-333    | R | FOGLIA,J.T.    | 9003160211* | CONTRACT   |
| EWING,E.C.     | 9003070096  | 50-313   | Q | FERNANDEZ,W.   | 9003140397  | 50-333    | S | FOLDES,I.L.P.  | 9003210015  | PR         |
| EWING,E.C.     | 9003070125  | 50-368   | S | FERNANDEZ,W.   | 9003220137  | 50-333    | S | FOLDES,I.L.P.  | 9003210015  | PR         |
| EWING,E.C.     | 9003070129  | 50-313   | Q | FERNANDEZ,W.   | 9003260562  | 50-333    | P | FOLEY,W.J.     | 9003070241  | NUREG      |
| EWING,E.C.     | 9003070138  | 50-368   | S | FERNAN,M.      | 9003010285  | PR        |   | FOLEY,W.J.     | 9003120758  | NUREG      |
| EWING,E.C.     | 9003070330  | 50-368   | S | FEY,F.L.       | 9003010211  | 50-263    | F | FOLEY,W.J.     | 9003120769  | NUREG      |
| EWING,E.C.     | 9003150074  | 50-313   | Q | FEY,F.L.       | 9003080449  | 50-263    | R | FONG,F.T.      | 9003210360* | FOIA       |
| EWING,E.C.     | 9003150340  | 50-388   | S | FEY,F.L.       | 9003090221  | 50-282    | R | FORD,W.H.      | 9002270377* | COMMISSION |
| EWING,E.C.     | 9003160178  | 50-313   | S | FEY,F.L.       | 9003090266  | 50-282    | F | FORD,W.H.      | 9002270380* | COMMISSION |
| EWING,E.C.     | 9003200240  | 50-388   | S | FEY,F.L.       | 9003200411  | 50-263    | F | FORGIE,J.B.    | 9003020064  | 50-388     |
| EWING,E.C.     | 9003230118  | 50-368   | S | FEY,R.F.       | 9003200407  | 50-282    | F | FOSSUM,A.F.    | 9002260537  | WASTE MGT  |
| FAIRTILE,M.B.  | 9002220456  | 50-271   | P | FIELDS,J.      | 9002260482  | CONTRACT  |   | FOSTER,J.      | 9003190360* | 50-263     |
| FAIRTILE,M.B.  | 9002260426  | 50-271   | P | FIELDS,J.      | 9003010072  | CONTRACT  |   | FOSTER,J.D.    | 9003160002* | 40-2061    |
| FAIRTILE,M.B.  | 9003010223  | 50-271   | P | FIELDS,J.      | 9003020043  | CONTRACT  |   | FOSTER,J.D.    | 9003160191  | 40-2061    |
| FAIRTILE,M.B.  | 9003060288  | 50-271   | P | FIELDS,J.      | 9003220129  | CONTRACT  |   | FOSTER,J.E.    | 9003010381* | 40-3392    |
| FAIRTILE,M.B.  | 9003120334  | 50-271   | P | FIELDS,J.A.    | 9003150201  | CONTRACT  |   | FOSTER,J.E.    | 9003130173* | 70-36      |
| FAIRTILE,M.B.  | 9003190316  | 50-293   | P | FIELDS,J.S.    | 9003080466  | 50-387    | R | FOWLER,E.E.    | 9003090333* | FOIA       |
| FAIRTILE,M.B.  | 9003210153  | 50-271   | P | FIELDS,J.S.    | 9003090043  | 50-387    | R | FOWLER,R.L.    | 9003230115  | 50-313     |
| FAIRTILE,M.B.  | 9003220087  | 50-271   | P | FIELDS,M.      | 9003070016  | 50-445    | P | FOX,C.E.       | 9003130040  | STATE PROJ |
| FAIRTILE,M.B.  | 9003260083  | 50-271   | P | FIELDS,R.J.    | 9003070238  | NUREG     |   | FOX,E.         | 9002270429* | 50-247     |
| FALEVITS,Z.    | 9003140288* | 50-315   | Q | FIES,C.L.      | 9002270002  | 50-397    | S | FOX,E.         | 9003050060* | 60-443     |
| FANTACCIC,L.   | 9003090188  | 50-458   | R | FIES,C.L.      | 9003140383  | 50-397    | S | FOY,D.L.       | 9003060086  | 71-6717    |
| FAPAHL,C.E.    | 9002260056* | 50-382   | Q | FIES,C.L.      | 9003140381  | 50-397    | S | FRAKER,A.C.    | 9003060314  | WASTE RES  |
| FARINOSO,F.    | 9003120457* | 40-2061  |   | FIES,C.L.      | 9003220090  | 50-397    | S | FRANCE,G.M.    | 9002270283* | 70-8       |
| FARNHAM,K.     | 9003010265  | PR       |   | FINKEL,A.      | 9003020049  | 50-352    | Q | FRANCE,G.M.    | 9003010286* | 40-3392    |
| FARRELL,F.     | 9003160038  | 50-271   | G | FINN,J.A.      | 9003220032* | 40-3392   |   | FRANCE,G.M.    | 9003010336* | 40-3392    |
| FARRELL,M.D.   | 9003230183* | CONTRACT |   | FINN,J.A.      | 9003220041* | 40-3392   |   | FRANCO,F.F.    | 9003020209  | 50-285     |
| FARRELL,R.F.   | 9003010173  | 40-8903  |   | FINNEY,L.      | 9003120094  | 50-295    | S | FRANCO,F.F.    | 9003080408* | 50-285     |
| FARRELL,R.F.   | 9003020098  | 40-8903  |   | FISCARO,J.J.   | 9002260554  | 50-313    | F | FRANKE,W.H.    | 9003130480* | 40-3392    |
| FARRELL,R.F.   | 9003200373  | 40-8903  |   | FISCHER,D.C.   | 9003070032  | 50-285    | S | FRANTZ,S.P.    | 9003050037  | 50-250     |
| FARRIS,T.      | 9003010370  | PR       |   | FISCHER,D.C.   | 9003180279  | 50-387    | S | FRANTZ,S.P.    | 9003050037  | 50-250     |
| FAULKNER,M.R.  | 9003150414  | 50-463   | F | FISCHER,D.C.   | 9003210219  | 50-247    | S | FRANTZ,S.P.    | 9003190104  | 50-250     |
| FAY,C.W.       | 9003010407  | PR       |   | FISH,H.C.      | 9002260210  | 50-333    | S | FRANTZ,S.P.    | 9003190104  | 50-250     |
| FAY,C.W.       | 9003070399  | 50-266   | P | FISH,H.C.      | 9002260545  | 50-333    | S | FRANTZ,S.P.    | 9003190106  | 50-250     |
| FAY,C.W.       | 9003080460  | 50-266   | R | FISH,H.C.      | 9003220137  | 50-333    | S | FRANTZ,S.P.    | 9003190108  | 50-250     |
| FAY,C.W.       | 9003090192  | 50-266   | R | FISHER,D.      | 9003140404  | 50-249    | S | FRANTZ,S.P.    | 9003230075  | 50-250     |
| FAY,C.W.       | 9003120331  | 50-286   | P | FISHER,K.F.    | 9003190145* | 50-278    | Q | FRANTZ,S.P.    | 9003230075  | 50-250     |
| FAY,C.W.       | 9003160024  | 50-286   | P | FISHER,W.L.    | 9003010201* | 40-3392   |   | FREDRICKSON,P. | 9002260407* | 50-338     |
| FAY,C.W.       | 9003160181  | 50-286   | R | FISHER,W.L.    | 9003010209* | 40-3392   |   | FREDRICKSON,P. | 9002260440  | 60-338     |



| AUTHOR           | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |             |           |
|------------------|---------------------|---------------------|--------|---------------------|---------------------|-------------|---------------------|---------------------|-------------|-----------|
| FREDRICKSON, P   | 9003200281*         | 50-280              | Q      | GATES, W. G.        | 9003210275          | 50-285      | Q                   | GOLDEN, J. C.       | 9003260130  | 50-10     |
| FREEMAN, E. J    | 9003130038*         | 40-3392             |        | GATES, W. G.        | 9003220195          | 50-285      | R                   | GOLDSMITH, R.       | 9003260508  | WASTE MGT |
| FREEMAN, P. A    | 9002270010          | 50-423              | S      | GATES, W. G.        | 9003220321          | 50-285      | H                   | GOLDSMITH, R.       | 9003260511  | WASTE MGT |
| FRIEDMAN, L. F.  | 8705180340*         | FOIA                |        | GATES, W. G.        | 9003230218          | 50-285      | F                   | GOLDSMITH, R.       | 9003260515  | 50-320    |
| FRIGERIO, N. A.  | 9003120467*         | 40-2061             |        | GATES, W. G.        | 9003260220          | 50-285      | P                   | GOLLA, J. A.        | 9002270302* | 50-293    |
| FRIGERIO, N. A.  | 9003120500*         | 40-2061             |        | GATES, W. G.        | 9003260267          | 50-285      | P                   | GONZALES, M. M.     | 9003270362* | WASTE MGT |
| FRISCH, R. R.    | 9003133110          | 50-255              | P      | GATES, W. G.        | 9003260276          | 50-285      | P                   | GONZALES, R. O.     | 9003150390* | 40-8681   |
| FRYER, C. P.     | 9003270072          | NUREG               |        | GATES, W. G.        | 9003260281*         | 50-285      | P                   | GONZALES, R. O.     | 9003160006  | 40-8084   |
| FUENTE, E. S.    | 9003150310          | STATE PRO G         |        | GATES, W. G.        | 9003260289          | 50-285      | S                   | GONZALES, R. O.     | 9003200234* | 40-8904   |
| FUHS, A.         | 9003230119          | 50-265              | S      | GATES, W. G.        | 9003260293          | 50-285      | S                   | GOOD, G. M.         | 9003070324* | 50-275    |
| FULLER, C. H.    | 90032280143         | 50-267              | R      | GAUNTT, R. O.       | 9003070275          | NUREG       |                     | GOODE, N. A.        | 9003226014* | 50-324    |
| FULLER, C. H.    | 9003270011          | 50-267              | R      | GAUNTT, R. O.       | 9003120772          | NUREG       |                     | GOODRICH, M. T.     | 9003190287  | NUREG     |
| FULLWOOD, R.     | 9003070250          | NUREG               |        | GAYLEY, R. B.       | 9003200198          | 50-219      | S                   | GORALSKI, G.        | 9003200112  | 50-255    |
| FUNCHES, J. L.   | 9003050111*         | 40-8102             |        | GEBBIE, K. M.       | 9003160074          | STATE PRO G |                     | GORDON, C. Z.       | 9002260471* | 50-184    |
| FURIA, J.        | 9002220499*         | 50-443              | Q      | GEDDES, P.          | 9003050301          | 50-295      | S                   | GORDON, C. Z.       | 9003120554* | 50-220    |
| FURIA, J.        | 9003060166*         | 50-352              | Q      | GERKLICH, D. K.     | 9002200383          | 50-72       | R                   | GORDON, G. M.       | 9003080440* | 50-324    |
| FURIA, J.        | 9003080326*         | 50-245              | Q      | GERMAN, J. C. D. K. | 9002080123          | 50-72       |                     | GORDON, G. M.       | 9003160103* | 50-368    |
| FURTADO, V. C.   | 9003090233          | 50-275              | P      | GEISLER, G. O.      | 9003010198          | 50-236      | P                   | GORDON, L. L.       | 9002280182* | 71-185    |
| FURTADO, V. C.   | 9003090243          | 50-275              | P      | GERMAIN, J.         | 9003070265          | NUREG       |                     | GOSSICK, L. V.      | 9003090495* | 40-2061   |
| GAD, R. K.       | 9003300110          | 50-271              | G      | GERMAIN, J.         | 9003103050          | QA099       |                     | GOWDY, G. M.        | 9003080065  | 50-395    |
| GAD, R. K.       | 9003300110          | 50-271              | G      | GERTZ, C. C.        | 9003070360*         | WASTE MGT   |                     | GRADAK, D.          | 9002220655  | 50-412    |
| GAGLIARDO, D. L. | 9003270426*         | 50-498              | Q      | GERTZ, C. C. P.     | 9003010462          | WASTE MGT   |                     | GRAHAM, H. I.       | 9003010259  | PR        |
| GAGLIARDO, J. E. | 9002140054*         | 50-445              | Q      | GERTZ, C. C. P.     | 9003190143          | WASTE MGT   |                     | GRAMM, P.           | 9002220549* | 50-602    |
| GALLAGHER, W.    | 9003060045*         | 50-293              | P      | GESSNER, R. F.      | 9003210265*         | PROJ        |                     | GRANT, J. L.        | 9003130681* | 70-925    |
| GALLAGHER, W.    | 9003200341          | 50-254              | Q      | GEST, R. E.         | 9003190129          | 70-754      |                     | GRANT, J. M.        | 9003260210  | 50-28     |
| GALLEGOS, D. P.  | 9003190287          | NUREG               |        | GIANNUZZI, A. J.    | 9003220057*         | 50-324      | P                   | GRANT, W. B.        | 9003010136* | 40-3392   |
| GALLO, R. M.     | 9002270311*         | 50-219              | Q      | GIBSON, A. F.       | 9003010104          | 50-280      | Q                   | GRANT, W. B.        | 9003120509* | 40-2061   |
| GALLO, R. M.     | 9002270437          | 50-20               | Q      | GIBSON, A. F.       | 9003010202*         | FOIA        |                     | GRANT, W. B.        | 9003120571* | 40-2061   |
| GALLO, R. M.     | 9002270450          | 50-244              | Q      | GIBSON, A. F.       | 9003210211          | 50-280      | Q                   | GRASSER, D. J.      | 9003010244  | WASTE MGT |
| GALLO, R. M.     | 9002270467          | 50-29               | Q      | GIBSON, A. F.       | 9003210247          | 50-250      | Q                   | GRASSLEY, C. F.     | 9003140057* | 50-254    |
| GALLO, R. M.     | 9003020076          | 50-245              | Q      | GIBSON, H. W.       | 9003020130          | 71-6717     |                     | GRAVES, D. N.       | 9003270431* | 50-458    |
| GALLO, R. M.     | 9003070165          | 50-333              | Q      | GIBSON, H. W.       | 9003210077          | PR          |                     | GRAY, J.            | 9003220160  | 50-443    |
| GALLO, R. M.     | 9003130029          | 50-307              | Q      | GIBSON, J. W.       | 9003020321          | 50-338      | R                   | GRAY, J. R.         | 9003000133  | 40-2681   |
| GALLO, R. M.     | 9003130036          | 50-293              | V      | GITTER, J.          | 9002230201          | 50-315      | P                   | GRAY, J. R.         | 9003300135* | 40-2061   |
| GALLO, R. M.     | 9003140426          | 50-244              | V      | GITTER, J.          | 9003020151          | 50-315      | P                   | GRAYSON, W. M.      | 9003210367* | FOIA      |
| GALLO, R. M.     | 9003140435          | 50-288              | V      | GITTER, J.          | 9003140288*         | 50-315      | Q                   | GREBEL, T. L.       | 9003150450  | 50-275    |
| GALLO, R. M.     | 9003140444          | 50-354              | V      | GITTER, J.          | 9003020279          | 50-315      | P                   | GRECA, A. D.        | 9002230346* | 50-277    |
| GALLO, R. M.     | 9003150006          | 50-289              | V      | GITTER, J.          | 9003030179          | 50-315      | P                   | GREEN, L.           | 9003070381* | 50-272    |
| GALLO, R. M.     | 9003150056          | 50-352              | V      | GITTER, J. G.       | 9002230452          | 50-315      | P                   | GREEN, S.           | 9003010437  | PR        |
| GALLO, R. M.     | 9003150261          | 50-29               | V      | GITTER, J. G.       | 9003050160          | 50-315      | P                   | GREENBERG, J.       | 9003210020  | PR        |
| GALLO, R. M.     | 9003150283          | 50-333              | V      | GILBERT, L. D.      | 9002260316*         | 50-382      | Q                   | GREENBERG, J.       | 9003210020  | PR        |
| GALLO, R. M.     | 9003150292          | 50-410              | V      | GILBERT, L. D.      | 9003140012*         | 50-498      | Q                   | GREENMAN, E. D.     | 9003210201* | 50-315    |
| GALLO, R. M.     | 9003200430          | 50-387              | V      | GILBERT, L. S.      | 9003200370          | FOIA        |                     | GREENMAN, E. G.     | 9002260421  | 50-483    |
| GALLO, R. M.     | 9003270057          | 50-223              | V      | GILL, C. F.         | 9003180346*         | 50-295      | Q                   | GREENMAN, E. G.     | 9003020173  | 50-315    |
| GALLOWAY, R. M.  | 9003020047          | 50-352              | Q      | GILLEN, D.          | 9002260200          | WASTE MGT   |                     | GREENMAN, E. G.     | 9003080267  | 50-331    |
| GANAH, L. E.     | 9003090353*         | FOIA                |        | GILLES, N. V.       | 9003130026          | REVIEW GR P |                     | GREENMAN, E. G.     | 9003080313  | 50-316    |
| GARCIA, E.       | 9003070198          | 50-206              | S      | GILLESPIE, F. P.    | 9005030234*         | PR          |                     | GREENMAN, E. G.     | 9003090010  | 50-295    |
| GARCIA, E. M.    | 9003020212*         | 50-139              | Q      | GILMAN, T. R.       | 9003050033          | 50-10       | F                   | GREENMAN, E. G.     | 9003150320  | 50-315    |
| GARCIA, P.       | 9003010492          | 40-3453             |        | GILRAY, J. W.       | 9003050324          | WASTE MGT   |                     | GREENMAN, E. G.     | 9003150463  | 50-282    |
| GARCIA, P. J.    | 9003010125          | 40-6822             |        | GILRAY, J. W.       | 9003070348          | WASTE MGT   |                     | GREENMAN, E. G.     | 9003160027  | 50-255    |
| GARCIA, P. J.    | 9003010458          | 40-8902             |        | GLENN, C.           | 9002260180          | WASTE RES   |                     | GREENMAN, E. G.     | 9003190333  | 50-341    |
| GARCIA, P. J.    | 9003140346*         | 40-8027             |        | GLENN, J.           | 9001080550*         | FOIA        |                     | GREENMAN, E. G.     | 9003200288  | 50-331    |
| GARDE, B. P.     | 9003220011          | 50-445              | Q      | GLENN, J. E.        | 9007220410*         | FOIA        |                     | GREENMAN, E. G.     | 9003210045  | 50-341    |
| GARDE, B. P.     | 9003220011          | 50-445              | A      | GLENN, J. E.        | 9009240047*         | FOIA        |                     | GREENMAN, E. G.     | 9003210050* | 50-341    |
| GARDE, B. P.     | 9003280111          | 50-445              | Q      | GLOERSEN, W. B.     | 9002230532*         | 50-392      | Q                   | GREENMAN, E. G.     | 9003210197  | 50-315    |
| GARG, H. C.      | 9003130638*         | 50-280              | Q      | GLOVER, R. M.       | 9002260392          | 60-413      | S                   | GREENMAN, E. G.     | 9003230330  | 50-341    |
| GARLAND, B. W.   | 9003130077*         | 40-3392             |        | GLOVER, R. M.       | 9003080447          | 60-413      | S                   | GREGER, L. R.       | 9002220670  | 50-373    |
| GARNER, L. W.    | 9002260114*         | 50-261              | Q      | GLOVER, R. M.       | 9003120590          | 50-413      | S                   | GREGER, L. R.       | 9002260530  | 50-268    |
| GARNER, L. W.    | 9003220141*         | 50-261              | Q      | GLOVER, R. M.       | 9003130002          | 50-413      | S                   | GREGER, L. R.       | 9002270015  | 50-456    |
| GARRISON, D. L.  | 9003270426*         | 50-488              | Q      | GLOVER, R. M.       | 9003130627          | 50-413      | S                   | GREGER, L. R.       | 9002270030  | 50-331    |
| GARTNER, E. C.   | 9003210183          | 70-687              |        | GLOVER, R. M.       | 9003130634          | 50-413      | S                   | GREGER, L. R.       | 9002270116  | 50-458    |
| GARTNER, E. C.   | 9003210215          | 70-687              |        | GLOVER, R. M.       | 9003130851          | 50-414      | S                   | GREGER, L. R.       | 9002280252  | 50-155    |
| GARTRELL, K.     | 9003010318          | PR                  |        | GLOVER, R. M.       | 9003160345          | 50-413      | S                   | GREGER, L. R.       | 9003010215  | 50-483    |
| GASSER, R. D.    | 9003070275          | NUREG               |        | GLOVER, R. M.       | 9003210140          | 50-413      | S                   | GREGER, L. R.       | 9003010226* | 50-483    |
| GASSER, R. D.    | 9003120772          | NUREG               |        | GLOVER, R. M.       | 9003220073          | 50-413      | S                   | GREGER, L. R.       | 9003010376  | 40-3392   |
| GATES, W. C.     | 9002230137          | 50-285              | F      | GLOVER, R. M.       | 9003220086          | 50-413      | S                   | GREGER, L. R.       | 9003070268  | 50-331    |
| GATES, W. G.     | 9002220481          | 50-285              | P      | GLOVER, R. M.       | 9003220089          | 50-413      | S                   | GREGER, L. R.       | 9003090285  | 50-316    |
| GATES, W. G.     | 9002220484          | 50-285              | S      | GLOVER, R. M.       | 9003230061          | 50-413      | S                   | GREGER, L. R.       | 9003090286  | 50-348    |
| GATES, W. G.     | 9002230119          | 50-285              | F      | GLOVER, R. M.       | 9003230065          | 50-413      | S                   | GREGER, L. R.       | 9003120043  | 50-348    |
| GATES, W. G.     | 9002230358          | 50-285              | R      | GLOCKNECHT, M.      | 9003060035          | 50-210      | S                   | GREGER, L. R.       | 9003120051  | 50-255    |
| GATES, W. G.     | 9002260480          | 50-285              | P      | GODWIN, G. C.       | 9003070082          | QA099       |                     | GREGER, L. R.       | 9003120111  | 50-331    |
| GATES, W. G.     | 9002260468*         | 50-285              | P      | GODY, A. T.         | 9003260093          | TOPREP      |                     | GREGER, L. R.       | 9003120257  | 50-305    |
| GATES, W. G.     | 9002270359          | 50-285              | P      | GOLCHERT, N. W.     | 9003080489*         | 40-2061     |                     | GREGER, L. R.       | 9003120722  | 50-483    |
| GATES, W. G.     | 9002270438          | 50-285              | P      | GOLCHERT, N. W.     | 9003130149*         | FOIA        |                     | GREGER, L. R.       | 9003120764* | 40-2081   |
| GATES, W. G.     | 9002280238          | 50-285              | P      | GOLDBERG, J. H.     | 9002260178          | 50-250      | Q                   | GREGER, L. R.       | 9003130160  | 70-38     |
| GATES, W. G.     | 9003010442          | 50-285              | R      | GOLDBERG, J. H.     | 9003020142          | 60-335      | Q                   | GREGER, L. R.       | 9003130188  | 50-440    |
| GATES, W. G.     | 9003020209          | 50-285              | F      | GOLDBERG, J. H.     | 9003060115          | 60-335      | Q                   | GREGER, L. R.       | 9003130279  | 50-237    |
| GATES, W. G.     | 9003080267          | 50-285              | P      | GOLDBERG, J. H.     | 9003080450          | 50-335      | P                   | GREGER, L. R.       | 9003190346  | 50-295    |
| GATES, W. G.     | 9003080301          | 50-285              | P      | GOLDBERG, J. H.     | 9003090083          | 60-250      | Q                   | GREGER, L. R.       | 9003190346* | 50-295    |
| GATES, W. G.     | 9003080308          | 50-285              | S      | GOLDBERG, J. H.     | 9003090155          | 60-250      | P                   | GREGER, L. R.       | 9003190351  | 50-454    |
| GATES, W. G.     | 9003080403          | 50-285              | F      | GOLDBERG, J. H.     | 9003140395          | 60-250      | P                   | GREGER, L. R.       | 9003190358  | 50-269    |
| GATES, W. G.     | 9003090050          | 50-285              | J      | GOLDBERG, J. H.     | 9003150448          | 50-335      | P                   | GREGER, L. R.       | 9003200333  | 50-341    |
| GATES, W. G.     | 9003090276          | 50-285              | R      | GOLDBERG, J. H.     | 9003150481          | 50-335      | P                   | GREGER, L. R.       | 9003220051  | 50-483    |
| GATES, W. G.     | 9003120378          | 50-285              | P      | GOLDBERG, J. H.     | 9003150488          | 50-335      | P                   | GREGER, L. R.       | 9003220270  | 50-263    |
| GATES, W. G.     | 9003150001          | 50-285              | S      | GOLDBERG, J. H.     | 9003220267          | 50-250      | Q                   | GREGER, L. R.       | 9003230004  | 50-237    |
| GATES, W. G.     | 9003150470          | 50-285              | S      | GOLDBERG, J. H.     | 9003260384          | 60-335      | P                   | GREGER, L. R.       | 9003230023  | 50-263    |
| GATES, W. G.     | 9003190162          | 50-285              | Q      | GOLDBERG, J. H.     | 9003260402          | 60-250      | P                   | GREGER, L. R.       | 9003260435* | 50-483    |
| GATES, W. G.     | 9003210255          | 50-285              | P      | GOLDBERG, J. H.     | 9003220262          | 60-250      | F                   | GREGER, L. R.       | 9003260473  | 50-341    |

| AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------|---------------------|---------------------|----------------|---------------------|---------------------|-----------------|---------------------|---------------------|
| GREGG, R        | 9003020176          | 50-254 S            | HAIRSTON, W.G. | 9003080136          | 50-348 R            | HALL, R.E.      | 9003150370          | 40-8881             |
| GREGG, R.J.     | 9003120719          | 70-371              | HAIRSTON, W.G. | 9003080342          | 50-321 P            | HALL, R.E.      | 9003150383*         | 40-8881             |
| GREGG, R.J.     | 9003210227          | 70-371              | HAIRSTON, W.G. | 9003080350          | 50-348 P            | HALL, R.E.      | 9003180005          | 40-8904             |
| GREGG, G.       | 9003130593          | 50-220 S            | HAIRSTON, W.G. | 9003080355          | 50-321 R            | HALL, R.E.      | 9003180065          | 40-2259             |
| GRIER, B.H.     | 9003010070*         | 40-3392             | HAIRSTON, W.G. | 9003080424          | 50-348 R            | HALL, R.E.      | 9003180087          | 40-8094             |
| GRIER, B.H.     | 9003060213*         | 70-33               | HAIRSTON, W.G. | 9003090287          | 50-348 R            | HALL, R.E.      | 9003180085          | 40-8857             |
| GRIER, B.H.     | 9003060215*         | 70-33               | HAIRSTON, W.G. | 9003120184          | 50-368 P            | HALL, R.E.      | 9003200259          | 40-8904             |
| GRIER, B.H.     | 9003210330*         | FOIA                | HAIRSTON, W.G. | 9003120401          | 50-424 P            | HALL, R.E.      | 9003200291*         | 40-8904             |
| GRIFFIN, D.     | 9002270421          | 71-695              | HAIRSTON, W.G. | 9003120422          | 50-424 P            | HALL, R.E.      | 9003200294*         | 40-8904             |
| GRIFFIN, G.E.P. | 9003230279*         | REVIEW GR P         | HAIRSTON, W.G. | 9003120436          | 50-424 Q            | HALL, R.E.      | 9002280297*         | 40-8681             |
| GRIMES, B.K.    | 9003020603          | I&E                 | HAIRSTON, W.G. | 9003120770          | 50-321 J            | HALTIWANGER, J. | 9002270197          | 50-395              |
| GRIMES, B.K.    | 9003060287          | ORG                 | HAIRSTON, W.G. | 9003130594          | 50-321 Q            | HALTIWANGER, J. | 9003220017          | 50-395              |
| GRIMES, B.K.    | 9003270022          | REVIEW GR P         | HAIRSTON, W.G. | 9003140047          | 50-424 P            | HALVERSON, R.D. | 9003260481          | 71-185              |
| GRIMES, B.K.    | 9003160433          | REVIEW GR P         | HAIRSTON, W.G. | 9003140133          | 50-424 P            | HAMM, J.        | 9003080288          | 50-866              |
| GRIMES, C.I.    | 9002260446          | 50-446 F            | HAIRSTON, W.G. | 9003140300          | 50-424 R            | HAMPLEMAN, C.D. | 9003010056*         | 40-3392             |
| GRIMES, C.I.    | 9002280132          | 50-445 P            | HAIRSTON, W.G. | 9003140352          | 50-321 Q            | HAMPTON, N.L.   | 9003190269          | NUREG               |
| GRIMES, C.I.    | 9002280137*         | 50-445 P            | HAIRSTON, W.G. | 9003150071          | 50-424 F            | HAMRICK, J.S.   | 9003180048          | 40-6691             |
| GRIMES, C.I.    | 9002280194*         | 50-445 P            | HAIRSTON, W.G. | 9003160129          | 50-321 P            | HAMSTAD, M.     | 9002280502          | 50-255              |
| GRIMES, C.I.    | 9003220101          | 50-446 F            | HAIRSTON, W.G. | 9003160182          | 50-368 Q            | HANNEN, R.L.    | 9003010409          | 50-331              |
| GRIMM, J.       | 9002280226          | WASTE MGT           | HAIRSTON, W.G. | 9003160409          | 50-321 R            | HANNEN, R.L.    | 9003070198          | 50-331              |
| GRIMM, J.P.     | 9003010367          | WASTE MGT           | HAIRSTON, W.G. | 9003200105          | 50-348 P            | HANNEN, R.L.    | 9003120032          | 50-331              |
| GRIMSLEY, D.    | 9003190289          | FOIA                | HAIRSTON, W.G. | 9003200122          | 50-348 R            | HANNON, J.N.    | 9002220450*         | 50-305              |
| GRIMSLEY, D.H.  | 9002270373*         | COMM:SS ON          | HAIRSTON, W.G. | 9003200126          | 50-364 R            | HANNON, J.N.    | 9002260513          | 50-266              |
| GRIMSLEY, D.H.  | 9003020108          | FOIA                | HAIRSTON, W.G. | 9003200450          | 50-321 S            | HANNON, J.N.    | 9002270280          | 50-346              |
| GRIMSLEY, D.H.  | 9003050059          | FOIA                | HAIRSTON, W.G. | 9003200453          | 50-348 F            | HANNON, J.N.    | 9003010197*         | 50-440              |
| GRIMSLEY, D.H.  | 9003050072          | FOIA                | HAIRSTON, W.G. | 9003210009          | 50-348 S            | HANNON, J.N.    | 9003010302          | 50-268              |
| GRIMSLEY, D.H.  | 9003050096          | 50-327 P            | HAIRSTON, W.G. | 9003210040          | PR                  | HANNON, J.N.    | 9003060177          | 50-440              |
| GRIMSLEY, D.H.  | 9003050158          | FOIA                | HAIRSTON, W.G. | 9003210080          | 50-425 S            | HANNON, J.N.    | 9003060238*         | 50-483              |
| GRIMSLEY, D.H.  | 9003190110          | 50-247 H            | HAIRSTON, W.G. | 9003210086          | PR                  | HANNON, J.N.    | 9003200370*         | 50-346              |
| GRIMSLEY, D.H.  | 9003190114          | 50-322 S            | HAIRSTON, W.G. | 9003210368          | 50-348 J            | HANNON, J.N.    | 9003230244*         | 50-305              |
| GRIMSLEY, D.H.  | 9003190206          | FOIA                | HAIRSTON, W.G. | 9003210371          | 50-424 J            | HANSELL, D.     | 9003120629*         | 40-2081             |
| GRIMSLEY, D.H.  | 9003280152          | 50-445 Q            | HAIRSTON, W.G. | 9003220003          | 50-348 Q            | HANSON, R.J.    | 9003010240*         | 40-3392             |
| GRIMSPOON, P.   | 9003210011          | PR                  | HAIRSTON, W.G. | 9003220169          | 50-321 R            | HARDGROVE, T.W. | 9003010269          | 40-2259             |
| GROSS, K.W.     | 9003020306          | 50-317 S            | HAIRSTON, W.G. | 9003220296          | 50-348 P            | HARDGROVE, T.W. | 9003150148          | 40-2258             |
| GROSS, K.W.     | 9003080475          | 50-317 S            | HAIRSTON, W.G. | 9003220307          | 50-321 P            | HARDGROVE, T.W. | 9003150220          | 40-2259             |
| GROSS, M.T.     | 9003020161          | STATE PRO G         | HAIRSTON, W.G. | 9003220316          | 50-348 H            | HARGROVE, H.G.  | 9003220204*         | TCPPREP             |
| GROSS, M.T.     | 9003150464          | STATE PRO G         | HAIRSTON, W.G. | 9003220318          | 50-321 H            | HARLING, O.K.   | 9003200424          | 50-20               |
| GRUENBERG, B.   | 9003020143*         | 70-25               | HAIRSTON, W.G. | 9003270208          | 50-424 P            | HARMON, D.F.    | 9003010029*         | 40-3392             |
| GUBERSKI, J.D.  | 9002270200          | 50-344 S            | HAIDEMAN, W.R. | 9003270258          | NUREG               | HARMON, D.F.    | 9003120715*         | 40-3392             |
| GUBERSKI, J.D.  | 9003090124*         | 50-344 S            | HALE, M.       | 9003200134          | 50-400 R            | HARMON, D.F.    | 9003120729*         | 40-3392             |
| GUNDERSEN, G.F. | 9002270183*         | 70-371              | HALL, J.M.     | 9002230535*         | 50-275 P            | HARMON, D.F.    | 9003120732*         | 40-3392             |
| GUSTIN, H.L.    | 9003220057*         | 50-324 P            | HALL, J.R.     | 9003150217          | 50-331 P            | HARMON, D.F.    | 9003120755*         | 40-3392             |
| GUTACKER, H.C.  | 9003220311          | 71-393              | HALL, K.R.     | 9003220189          | 50-128 Q            | HARMON, D.F.    | 9003120758*         | 40-3392             |
| GUTHRIE, S.C.   | 9003150239*         | 50-445 Q            | HALL, R.E.     | 9002230039          | 40-8903             | HARMON, D.F.    | 9003120789*         | 40-3392             |
| GUZOWSKI, R.V.  | 9003190287          | NUREG               | HALL, R.E.     | 9002230041*         | 40-8903             | HARMON, D.F.    | 9003120800*         | 40-3392             |
| HAGAN, J.J.     | 9002270189          | 50-354 R            | HALL, R.E.     | 9002280187          | 40-8857             | HARMON, L.H.    | 9003210026          | PR                  |
| HAGAN, J.J.     | 9003010013          | 50-354 R            | HALL, R.E.     | 9002280198          | 40-8902             | HARMON, L.H.    | 9003210083          | PR                  |
| HAGAN, J.J.     | 90030301083         | 50-354 S            | HALL, R.E.     | 9002280201          | 40-8903             | HARMON, P.      | 9002260255*         | 50-327              |
| HAGAN, J.J.     | 9003090126          | 50-354 P            | HALL, R.E.     | 9002280222          | 40-8929             | HARNES, J.L.    | 9002260270          | 50-324              |
| HAGAN, J.J.     | 9003200164          | 50-354 R            | HALL, R.E.     | 9002280226          | WASTE MGT           | HARNES, J.L.    | 9002280338          | 50-324              |
| HAGAN, J.J.     | 9003220264          | 50-354 S            | HALL, R.E.     | 9002280231          | 40-8857             | HARNES, J.L.    | 9003060222          | 50-325              |
| HAGAN, T.F.     | 9003020299*         | CONTRACT            | HALL, R.E.     | 9002280235*         | 40-8857             | HARNES, J.L.    | 9003080251          | 50-325              |
| HAGAN, T.F.     | 9003060073*         | CONTRACT            | HALL, R.E.     | 9002280294          | 40-8881             | HARNES, J.L.    | 9003070090          | 50-324              |
| HAGAN, T.F.     | 9003080258*         | CONTRACT            | HALL, R.E.     | 9002280295*         | 40-8891             | HARNES, J.L.    | 9003080151          | 50-324              |
| HAGAN, T.F.     | 9003080445*         | CONTRACT            | HALL, R.E.     | 9003010059          | 40-8926             | HARNES, J.L.    | 9003080433          | 50-324              |
| HAGAN, T.F.     | 9003120304*         | CONTRACT            | HALL, R.E.     | 9003010063*         | 40-8926             | HARNES, J.L.    | 9003090073          | 50-324              |
| HAGAN, T.F.     | 9003120411*         | CONTRACT            | HALL, R.E.     | 9003010099          | WASTE MGT           | HARNES, J.L.    | 9003090437          | 50-324              |
| HAGAN, T.F.     | 9003120421*         | CONTRACT            | HALL, R.E.     | 9003010105          | 40-8102             | HARNES, J.L.    | 9003120794          | 50-324              |
| HAGAN, T.F.     | 9003120512*         | CONTRACT            | HALL, R.E.     | 9003010116          | 40-6622             | HARNES, J.L.    | 9003140466          | 50-324              |
| HAGAN, T.F.     | 9003120528*         | CONTRACT            | HALL, R.E.     | 9003010123*         | 40-6622             | HARNES, J.L.    | 9003160328          | 50-324              |
| HAGAN, T.F.     | 9003120682*         | CONTRACT            | HALL, R.E.     | 9003010125          | 40-6622             | HARNES, J.L.    | 9003260268          | 50-324              |
| HAGAN, T.F.     | 9003120691*         | CONTRACT            | HALL, R.E.     | 9003010132          | 40-8903             | HARRIS, J.R.    | 9003050042*         | 50-395              |
| HAGAN, T.F.     | 9003120788*         | CONTRACT            | HALL, R.E.     | 9003010289          | 40-3453             | HARRIS, J.R.    | 9003210025*         | 50-335              |
| HAGAN, T.F.     | 9003130451*         | CONTRACT            | HALL, R.E.     | 9003010292*         | 40-3453             | HARRIS, K.E.    | 9003130721*         | 50-269              |
| HAGAN, T.F.     | 9003130538*         | CONTRACT            | HALL, R.E.     | 9003010377          | 40-8907             | HARRIS, K.N.    | 9002270067          | 50-250              |
| HAGAN, T.F.     | 9003160312*         | CONTRACT            | HALL, R.E.     | 9003010404          | 40-8502             | HARRIS, K.N.    | 9003010010          | 50-250              |
| HAGGAG, F.M.    | 9003190328          | NUREG               | HALL, R.E.     | 9003010445          | WASTE MGT           | HARRIS, K.N.    | 9003120881          | 50-250              |
| HAGINS, E.E.    | 9003160124          | 50-443 G            | HALL, R.E.     | 9003010458          | 40-8902             | HARRIS, K.N.    | 9003130007          | 50-250              |
| HAGMAN, D.L.    | 9003190269          | NUREG               | HALL, R.E.     | 9003010492          | 40-3453             | HARRIS, K.N.    | 9003130304          | 50-250              |
| HAGUE, R.L.     | 9002270166*         | 50-335 Q            | HALL, R.E.     | 9003010496          | 40-4492             | HARRIS, K.N.    | 9003150436          | 50-375              |
| HAGUE, R.L.     | 9003230009*         | 50-331 Q            | HALL, R.E.     | 9003010500          | 40-4492             | HARRIS, K.N.    | 9003200397          | 50-250              |
| HAIRSTON, W.G.  | 9002220408          | 50-364 P            | HALL, R.E.     | 9003010501*         | 40-4492             | HARRIS, K.N.    | 9003210139*         | 50-335              |
| HAIRSTON, W.G.  | 9002220524          | 50-366 S            | HALL, R.E.     | 9003020001          | 40-8681             | HARRIS, K.N.    | 9003220180          | 50-250              |
| HAIRSTON, W.G.  | 9002220552          | 50-348 S            | HALL, R.E.     | 9003020002*         | 40-8681             | HARRIS, K.N.    | 9003220262          | 50-250              |
| HAIRSTON, W.G.  | 9002220677          | 50-424 V            | HALL, R.E.     | 9003140346*         | 40-8027             | HARRIS, R.E.    | 9002260532          | 50-289              |
| HAIRSTON, W.G.  | 9002260111          | 50-346 P            | HALL, R.E.     | 9003140443          | 40-8452             | HARRIS, T.      | 9003080202          | 50-325              |
| HAIRSTON, W.G.  | 9002260519          | 50-364 R            | HALL, R.E.     | 9003140464          | 40-8084             | HARRIS, T.      | 9003090433          | 50-324              |
| HAIRSTON, W.G.  | 9002270138          | 50-346 R            | HALL, R.E.     | 9003150087          | 40-8904             | HART, K.        | 9003140288*         | 50-315              |
| HAIRSTON, W.G.  | 9002280050          | 50-321 P            | HALL, R.E.     | 9003150082*         | 40-8904             | HART, P.E.      | 9003150462*         | WASTE MGT           |
| HAIRSTON, W.G.  | 9003060024          | 50-321 S            | HALL, R.E.     | 9003150157          | 40-8907             | HASELTINE, J.D. | 9003010415          | 50-29               |
| HAIRSTON, W.G.  | 9003060201          | 50-424 R            | HALL, R.E.     | 9003150164          | 40-2259             | HASELTINE, J.D. | 9003030189          | 50-29               |
| HAIRSTON, W.G.  | 9003060211          | 50-424 P            | HALL, R.E.     | 9003150172*         | 40-2259             | HASSE, R.A.     | 9003220066*         | 50-483              |
| HAIRSTON, W.G.  | 9003060244          | 50-424 S            | HALL, R.E.     | 9003150251          | 40-8926             | HASTINGS, P.S.  | 9003200392          | 50-287              |
| HAIRSTON, W.G.  | 9003060257          | 50-425 S            | HALL, R.E.     | 9003150254*         | 40-8926             | HAUGHNEY, C.J.  | 9002230112          | 70-1308             |
| HAIRSTON, W.G.  | 9003060269          | 50-425 S            | HALL, R.E.     | 9003150255*         | 40-8926             | HAUGHNEY, C.J.  | 9002230305          | 70-1308             |
| HAIRSTON, W.G.  | 9003070094          | 50-424 F            | HALL, R.E.     | 9003150260*         | 40-8926             | HAUGHNEY, C.J.  | 9002230311*         | 70-1308             |
| HAIRSTON, W.G.  | 9003070338          | 50-348 P            | HALL, R.E.     | 9003150332          | WASTE MGT           | HAUGHNEY, C.J.  | 9002230314*         | 70-1308             |
| HAIRSTON, W.G.  | 9003070364          | 50-348 R            | HALL, R.E.     | 9003150356          | 40-8102             | HAUGHNEY, C.J.  | 9002230316*         | 70-1308             |

| AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| HAUGHNEY, C. J.  | 9002260160       | 70-27            | HERNAN, R.        | 9003199317       | 50-334           | HELTZMAN, R. B.  | 9003230036*      | 50-237           |
| HAUGHNEY, C. J.  | 9002260166*      | 70-27            | HERNAN, R.        | 9003270375*      | 50-334           | HEHN, A.         | 9003070350       | 50-362           |
| HAUGHNEY, C. J.  | 9002260175       | 70-27            | HERNAN, R. W.     | 9002230426       | 50-289           | HECNEY, J. E.    | 8704220137*      | 40-3382          |
| HAUGHNEY, C. J.  | 9002260205       | 70-25            | HERNAN, R. W.     | 9002260373       | 50-289           | HOO, D.          | 9002220516       | 50-369           |
| HAUGHNEY, C. J.  | 9002270468       | 40-2061          | HERNAN, R. W.     | 9002270353       | 50-289           | HOO, D.          | 9002260234       | 50-369           |
| HAUGHNEY, C. J.  | 9002270470*      | 40-2061          | HERNAN, R. W.     | 9003090152       | 50-289           | HOO, D.          | 9003210205       | 50-369           |
| HAUGHNEY, C. J.  | 9002280301       | 70-887           | HERNAN, R. W.     | 9003150054       | 50-289           | HOO, D.          | 9003260036       | 50-369           |
| HAUGHNEY, C. J.  | 9002280302*      | 70-887           | HERNAN, R. W.     | 9003160120       | 50-289           | HOO, D. N.       | 9003160029       | 50-445           |
| HAUGHNEY, C. J.  | 9002280304*      | 70-887           | HERNAN, R. W.     | 9003180207       | 50-289           | HOO, D. S.       | 9003070234       | 50-369           |
| HAUGHNEY, C. J.  | 9002280305       | PROJ             | HERNAN, R. W.     | 9003190315       | 50-289           | HOOKE, C. A.     | 9002270150*      | 70-25            |
| HAUGHNEY, C. J.  | 9003010506       | 70-925           | HERNAN, R. W.     | 9003230247       | 50-289           | HOOKE, C. A.     | 9003160346*      | 70-1257          |
| HAUGHNEY, C. J.  | 9003010507       | 70-925           | HERVIN, R. L.     | 9003090269*      | FOIA             | HOOKE, K. R.     | 9002270155*      | WASTE MGT        |
| HAUGHNEY, C. J.  | 9003020045       | 70-820           | HESS, R. J.       | 9003050222*      | 50-344           | HOOKE, K. R.     | 9003160036       | WASTE MGT        |
| HAUGHNEY, C. J.  | 9003100753       | 70-925           | HESS, R. J.       | 9003050225*      | 50-344           | HOOPE, J.        | 9003150243       | WASTE MGT        |
| HAUGHNEY, C. J.  | 9003100770       | 70-25            | HEUTER, L.        | 9003060397*      | 40-3392          | HOOPE, J. A.     | 9003220068*      | 50-483           |
| HAUGHNEY, C. J.  | 9003010772*      | 70-25            | HEYSEK, W. G.     | 9003120260       | 50-289           | HOPKINS, J. R.   | 9003140331       | 50-424           |
| HAUGHNEY, C. J.  | 9003100778*      | 70-25            | HIATT, S. L.      | 9003210144       | PR               | HOPKINS, P. C.   | 9003210007*      | 50-413           |
| HAUGHNEY, C. J.  | 9003160244       | 70-295           | HICKEY, J.        | 9003201027*      | FOIA             | HORN, G. R.      | 9002230516       | 71-1966          |
| HAUGHNEY, C. J.  | 9003290191       | 40-2061          | HICKEY, J. W.     | 9003210084*      | FOIA             | HORN, G. R.      | 9003010219       | 50-298           |
| HAVERKAMP, D. R. | 9003010144       | 50-245           | HICKMAN, D. F.    | 9003140314       | TOPREP           | HORN, G. R.      | 9003160167       | 50-288           |
| HAVERKAMP, D. R. | 9003050248*      | 50-423           | HICKMAN, D. F.    | 9003150146       | TOPREP           | HORN, M.         | 9003130700       | 70-25            |
| HAVERKAMP, D. R. | 9003140293*      | 50-245           | HICKMAN, D. E.    | 9003150150*      | TOPREP           | HORN, M.         | 9003200104       | 70-25            |
| HAVERKAMP, D. R. | 9003200428*      | 50-336           | HICKMAN, J. B.    | 9002260240       | 50-461           | HORN, M. L.      | 9002270471*      | 40-2061          |
| HAVERKAMP, D. R. | 9003210333*      | 50-423           | HICKMAN, J. B.    | 9003070375       | 50-461           | HORNE, J. M.     | 9003200224*      | 50-498           |
| HAVERKAMP, D. R. | 9003270188*      | 50-213           | HICKMAN, J. B.    | 9003220186       | 50-461           | HORN, C. J.      | 9003270389       | 1&E              |
| HAWKINS, E. F.   | 9003150112       | 40-8783          | HICKMAN, J. B.    | 9003270246       | 50-461           | HORTON, D. G.    | 9002260483       | WASTE MGT        |
| HAYES, B. B.     | 9003150395       | 50-259           | HICKMAN, J. B.    | 9003260031       | 50-461           | HORTON, D. G.    | 9002260527       | WASTE MGT        |
| HAYES, B. B.     | 9003190194*      | FOIA             | HICKS, D. W.      | 9003020691       | FOIA             | HORTON, D. G.    | 9003060064       | WASTE MGT        |
| HAYES, J. J.     | 9002220400       | 50-395           | HIGGINSBOTHAM, J. | 9003080266*      | 50-243           | HORTON, D. G.    | 9003070392       | WASTE MGT        |
| HAYES, J. J.     | 9002220472       | 50-395           | HIGGINS, W. R.    | 9003210267       | 50-395           | HORTON, D. G.    | 9003120787       | WASTE MGT        |
| HAYES, J. J.     | 9002270374       | 50-395           | HIGHFILL, K. L.   | 9002220386       | 50-293           | HORTON, D. G.    | 9003120790       | WASTE MGT        |
| HAYES, J. J.     | 9003010196       | 50-385           | HIGHFILL, K. L.   | 9002260205       | 50-293           | HORTON, D. G.    | 9003120795       | WASTE MGT        |
| HAYES, J. J.     | 9003070317       | 50-385           | HIGHFILL, K. L.   | 9003080255       | 50-293           | HORTON, D. G.    | 9003120799       | WASTE MGT        |
| HAYES, J. J.     | 9003120034       | 50-395           | HIGHFILL, K. L.   | 9003120751       | 50-293           | HORTON, D. G.    | 9003120803       | WASTE MGT        |
| HAYES, J. J.     | 9003120234       | 50-395           | HILDEBRAND, P.    | 9003140245       | 40-8857          | HORTON, D. G.    | 9003130648       | WASTE MGT        |
| HAYES, J. J.     | 9003220128       | 50-395           | HILDEBRAND, P.    | 9003150221       | 40-8857          | HORTON, D. G.    | 9003130674       | WASTE MGT        |
| HAYES, J. J.     | 9003230197       | 50-395           | HILDEBRAND, P.    | 9003160109       | 40-8857          | HORTON, D. G.    | 9003130690       | WASTE MGT        |
| HAYES, J. J.     | 9003230198       | 50-395           | HILES, M. D.      | 9002280257       | 40-8903          | HORTON, D. G.    | 9003130696       | WASTE MGT        |
| HAYES, J. J.     | 9003230233       | 50-395           | HILL, R. O.       | 9002270101       | 50-348           | HORTON, D. G.    | 9003150433       | WASTE MGT        |
| HAYNES, H. F.    | 9002270004       | 50-423           | HILL, R. T.       | 9003080425*      | 50-324           | HORTON, D. G.    | 9003260377       | WASTE MGT        |
| HAYNES, H. F.    | 9002270006       | 50-423           | HILLS, R.         | 9003080606       | WASTE MGT        | HORTON, D. G.    | 9003260386       | WASTE MGT        |
| HAYNES, H. F.    | 9002270010       | 50-423           | HILLS, S. R.      | 9003150140       | WASTE MGT        | HORTON, D. G.    | 9003260388       | WASTE MGT        |
| HAYNES, H. F.    | 9002270010       | 50-423           | HILL, T. C.       | 9003080445       | 50-277           | HORTON, D. G.    | 9003260488       | WASTE MGT        |
| HAYNESWORTH, V.  | 9003020060       | 50-261           | HIND, J. A.       | 9003010176*      | 40-3392          | HORTON, F.       | 9003380315*      | 50-220           |
| HAYNESWORTH, V.  | 9003220035       | 50-261           | HIND, J. A.       | 9003010182*      | 40-3392          | HOLSE, J. E.     | 9002260534*      | 50-296           |
| HEBDON, F. J.    | 9003090023       | 50-313           | HIND, J. A.       | 9003010183*      | 40-3392          | HOUSE, J. E.     | 9002270016*      | 50-456           |
| HEBDON, F. J.    | 9003090036*      | 50-482           | HIND, J. A.       | 9003201029*      | 40-3392          | HOUSE, W. B.     | 9003080267       | 27-47            |
| HEBDON, F. J.    | 9003120606*      | 50-458           | HINDS, J.         | 9003220056       | 50-254           | HOUSEHOLD, R. W. | 9003140411       | 71-190           |
| HEBDON, F. J.    | 9003120780*      | 50-482           | HINDS, J. M.      | 9002260346*      | 50-254           | HOUSE, D. A.     | 9003080436       | 50-260           |
| HEBDON, F. J.    | 9003150010*      | 50-482           | HINDS, J. M.      | 9003120285*      | 50-237           | HOUSTON, R. W.   | 9002260259*      | 50-260           |
| HEBDON, F. J.    | 9003150402*      | 50-498           | HINDS, J. M.      | 9003200018*      | 50-373           | HOWARD, J. E.    | 9002260056*      | 50-382           |
| HEBDON, F. J.    | 9003160017*      | 50-458           | HINSON, C. S.     | 9003070100       | ORG              | HOWARD, J. J.    | 9003090501       | 50-263           |
| HEBDON, F. J.    | 9003160141*      | 50-208           | HINTZ, D. C.      | 9003160201       | 50-313           | HOWARD, R.       | 9003080045*      | 50-203           |
| HEBDON, F. J.    | 9003220005       | 50-498           | HIPP, G.          | 9003070354       | 50-327           | HOWE, S. S.      | 9002270115       | 50-344           |
| HEBDON, F. J.    | 9003220037*      | 50-458           | HIPP, G.          | 9003210270       | 50-328           | HOWE, S. S.      | 9002270102       | 50-344           |
| HEGARTY, W.      | 9002260225*      | XPORTLIC         | HIRSCH, D.        | 9003010241       | 70-25            | HOWE, S. S.      | 9003120213       | 50-344           |
| HEGARTY, W.      | 9002270097       | XPORTLIC         | HIRSCH, D.        | 9003190087       | 70-25            | HOWE, S. S.      | 9003210263       | 50-344           |
| HEGRAT, H. L.    | 9003140029       | 50-440           | HOCKMAN, R. W.    | 9003150224       | XPORTLIC         | HOXIE, C. L.     | 9002260145       | REVIEW GN P      |
| HEGRAT, H. L.    | 9003200108       | 50-440           | HODGDON, A. P.    | 9003050035       | 40-2081          | HOYLE, J. C.     | 9003130343       | ADVCM            |
| HEHL, C. W.      | 9002260339       | 50-324           | HODGDON, A. P.    | 9003220207       | 40-2061          | HOYLE, J. C.     | 9003150215       | ACRS             |
| HEITMAN, B.      | 9002260484*      | COMMISSION       | HODGDON, A. P.    | 9003230164       | 40-2061          | HOYT, J.         | 9003230168*      | CONTRACT         |
| HELM, W. D. R.   | 9003050243       | 50-278           | HODGE, V.         | 9003080302       | 50-318           | HS&H, C. S.      | 9003080248       | 50-206           |
| HEMMER, D.       | 9003020110       | 40-4492          | HODGE, V.         | 9003130763       | 40-46            | HS, I. Y.        | 9003160346       | 50-369           |
| HENDERSON, R. J. | 9003190136*      | 70-145           | HODGES, M. W.     | 9002280515       | 50-387           | HUM, H.          | 9002230535*      | 50-275           |
| HENDERSON, T. K. | 9003080505       | 50-29            | HODGES, M. W.     | 9002270303       | 50-293           | HUDDARD, D.      | 9003210309       | 50-287           |
| HENDRICKSON, R.  | 9003140382       | 50-116           | HODGES, M. W.     | 9002270310       | 50-219           | HUBER, M. P.     | 9003120241*      | 50-237           |
| HENDRICKSON, R.  | 9003150317       | 50-116           | HODGES, M. W.     | 9003070358       | 50-334           | HUDSON, R. H.    | 9003090389*      | FOIA             |
| HENNICK, A.      | 9003070241       | NUREG            | HODGES, M. W.     | 9003140023       | 50-286           | HUDSPETH, J. B.  | 9002260577       | 50-348           |
| HENNICK, A.      | 9003120758       | NUREG            | HODGES, M. W.     | 9003140299       | 50-29            | HUDSPETH, J. B.  | 9002270101       | 50-348           |
| HENNICK, A.      | 9003120760       | NUREG            | HODGES, M. W.     | 9003150247       | 50-219           | HUDSPETH, J. B.  | 9003080481       | 50-348           |
| HENNIGAN, G. R.  | 9003120581*      | 40-2081          | HODGES, M. W.     | 9003160037       | 50-352           | HUDSPETH, J. B.  | 9003090250       | 50-348           |
| HENRY, L. C.     | 9003050136       | 71-82            | HOGAN, R. T.      | 9002140082*      | 50-445           | HUDSPETH, J. B.  | 9003260399       | 50-348           |
| HENSLEY, K. D.   | 9003070085       | 70-143           | HOGHST, J. K.     | 9003190269       | NUREG            | HUETER, L. J.    | 9003010075       | 40-3392          |
| HENSLEY, K. D.   | 9003070087       | 70-143           | HOLAHAN, G. M.    | 9002220617*      | 50-112           | HUETER, L. J.    | 9003010100*      | 40-3392          |
| HERDT, A. R.     | 9002230537       | 50-289           | HOLAHAN, G. M.    | 9002220627       | TOPREP           | HUETER, L. J.    | 9003010103*      | 40-3392          |
| HERDT, A. R.     | 9002260084       | 50-413           | HOLAHAN, G. M.    | 9002230487       | 50-381           | HUETER, L. J.    | 9003010115*      | 40-3392          |
| HERDT, A. R.     | 9002260090       | 50-369           | HOLAHAN, G. M.    | 9003230036*      | 50-387           | HUETER, L. J.    | 9003010124*      | 40-3392          |
| HERDT, A. R.     | 9002260289       | 50-269           | HOLAHAN, G. M.    | 9003050061       | 50-312           | HUEY, F. R.      | 9003050120       | 50-275           |
| HERDT, A. R.     | 9002260334       | 50-413           | HOLAHAN, G. M.    | 9003050326       | 50-312           | HUEY, F. R.      | 9003050125*      | 50-275           |
| HERDT, A. R.     | 9003130088       | 50-289           | HOLAHAN, G. M.    | 9003220007*      | 50-498           | HUEY, F. R.      | 9003050128*      | 50-275           |
| HERDT, A. R.     | 9003130289       | 50-269           | HOLLAND, W. E.    | 9003200281*      | 50-280           | HUEY, F. R.      | 9003060291*      | 50-344           |
| HERDT, A. R.     | 9003130323       | 50-424           | HOLLER, E. J.     | 9002280211*      | 50-498           | HUEY, F. R.      | 9003060323*      | 50-528           |
| HERDT, A. R.     | 9003210005       | 50-413           | HOLLER, E. J.     | 9003200168*      | 50-482           | HUEY, F. R.      | 9003080481*      | 50-206           |
| HERDT, A. R.     | 9003210006*      | 50-413           | HOLLOWAY, T. J.   | 9003010073*      | 50-327           | HUGHES, A.       | 9003060088       | CONTRACT         |
| HERDT, A. R.     | 9003220006       | 50-321           | HOLLOWAY, C. J.   | 9003010230       | PR               | HUGHES, A.       | 9003090238       | CONTRACT         |

| AUTHOR           | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|------------------|---------------------|---------------------|----------------|---------------------|---------------------|-----------------|---------------------|---------------------|
| HUGHES A.        | 9003160310          | CONTRACT            | JAFFE, D.H.    | 9003050071          | 50-423 P            | JOHNSON, W.J.   | 9003220202          | TOPREP              |
| HUGHEY, C.A.     | 9002230370*         | 70-1113             | JAFFE, D.H.    | 9003050070*         | 50-423 P            | JOHNSON, W.J.   | 9003220203          | PA                  |
| HUGHEY, N.L.     | 9003050153          | FOIA                | JAFFE, D.H.    | 9003160383          | 50-423 P            | JOHNSON, W.J.   | 9003260459          | 50-424 P            |
| HUKILL, H.D.     | 9002280172          | 50-289              | JAFFE, D.H.    | 9003200144          | 50-423 P            | JOHNSTON, R.H.  | 9003210057          | PA                  |
| HUKILL, H.D.     | 9003060195          | 50-289              | JAFFE, D.H.    | 9003210081          | 50-423 P            | JOHNSTON, G.W.  | 9003260326*         | 50-275 V            |
| HUKILL, H.D.     | 9003370101          | 50-289 P            | JAGANNATH, B.  | 9003050150          | WASTE RES           | JOHNSTON, H.    | 9003260179*         | 50-253              |
| HUKILL, H.D.     | 9003370105          | 50-289 J            | JAGANNATH, B.  | 9003050222          | WASTE RES           | JOLICOEUR, J.R. | 9003210189          | 50-333              |
| HUKILL, H.D.     | 9003070110          | 50-289 R            | JAGER, L.E.    | 9003080079          | 40-17               | JOLICOEUR, J.R. | 9003230241          | 50-355              |
| HUKILL, H.D.     | 9003080319          | 50-289 Q            | JANG, J.C.     | 9002270134*         | 50-293              | JONES, C.       | 9003080421          | NUREG               |
| HUKILL, H.D.     | 9003120260          | 50-289 S            | JANUSKA, A.G.  | 9002270016*         | 50-456 Q            | JONES, R.R.     | 9003230317*         | 71-4986             |
| HUKILL, H.D.     | 9003120270          | 50-289 R            | JANUSKA, A.G.  | 9003190354*         | 50-454 Q            | JONES, R.R.     | 9003230317*         | 71-4986             |
| HUKILL, H.D.     | 9003120279          | 50-289 R            | JAPE, F.       | 9003050119*         | 50-424 Q            | JONES, T.M.     | 9002260338          | 50-324              |
| HUKILL, H.D.     | 9003160361          | 50-289 P            | JAPE, F.       | 9003050170*         | 50-260 Q            | JONES, T.M.     | 9003080251          | 50-325              |
| HUKILL, H.D.     | 9003200169          | 50-289 R            | JAPE, F.       | 9003210037*         | 50-332 Q            | JONES, T.M.     | 9003160326          | 50-324              |
| HUKILL, H.D.     | 9003220026          | 50-289 P            | JAPE, F.       | 9003210054*         | 50-335 Q            | JORDAN, E.L.    | 9002260203          | 50-265              |
| HULME, N.D.      | 9003130601          | 50-423 S            | JAPE, F.       | 9003210148*         | 50-327 Q            | JORDAN, E.L.    | 9003080204          | NUREG               |
| HUMPHREY, G.J.   | 9003070282*         | 50-443 U            | JASTROW, J.D.  | 9003120764          | NUREG               | JORDAN, E.L.    | 9003200221          | REVIEW GR P         |
| HUMPHREY, P.G.   | 9003060349*         | 50-390 U            | JASUN, D.J.    | 9002270128          | 70-1113             | JORDAN, E.L.    | 9003210233          | REVIEW GR P         |
| HUNGER, G.A.     | 9003130719          | 50-277 F            | JEHLE, P.      | 9003190032          | 40-2061             | JORDAN, M.J.    | 9003150048*         | 50-186              |
| HUNGER, G.A.     | 9002260161          | 50-353 P            | JEHLE, P.      | 9003230160          | 50-250 G            | JOUSTRA, J.     | 90031080550*        | FOIA                |
| HUNGER, G.A.     | 9002270086          | 50-277 P            | JEN, S.O.K.    | 9003210179*         | 50-327 Q            | JOUSTRA, J.     | 9003080049          | I&E                 |
| HUNGER, G.A.     | 9002270222          | 50-278 P            | JEN, S.O.K.    | 9002260125          | 50-302 Q            | JOUSTRA, J.A.   | 8609240047*         | FOIA                |
| HUNGER, G.A.     | 9002280148          | 50-277 P            | JEN, S.O.K.    | 8510010382*         | FOIA                | JOUSTRA, J.A.   | 8609240217*         | FOIA                |
| HUNGER, G.A.     | 9003080004          | 50-353 Q            | JENSEN, J.T.   | 8511210210*         | FOIA                | JOUSTRA, J.A.   | 8611040097*         | FOIA                |
| HUNGER, G.A.     | 9003070088          | 50-352 P            | JERRETT, L.E.  | 9003150351          | STATE PRO G         | JOW, H.         | 8003190289          | NUREG               |
| HUNGER, G.A.     | 9003080170          | 50-277 P            | JICHA, J.      | 9003210194*         | FOIA                | JOW, H.         | 8003190293          | NUREG               |
| HUNGER, G.A.     | 9003090110          | 50-352 F            | JICHA, J.J.    | 9003210125*         | FOIA                | JOYCE, T.       | 9003080484*         | 50-237              |
| HUNGER, G.A.     | 9003090113          | 50-277 P            | JOHANSEN, J.   | 9002230070          | I&E                 | JOYCE, T.P.     | 9002260247          | 50-295              |
| HUNGER, G.A.     | 9003120186          | 50-171 H            | JOHANSEN, J.   | 9003010490          | I&E                 | JOYCE, T.P.     | 9003020000          | 50-295              |
| HUNGER, G.A.     | 9003150344          | 50-277 P            | JOHANSEN, J.   | 9003010497          | I&E                 | JOYCE, T.P.     | 9003020182          | 50-295              |
| HUNGER, G.A.     | 9003200456          | 50-277 P            | JOHANSEN, J.   | 9003020030          | 50-220 Q            | JOYCE, T.P.     | 9003050301          | 50-295              |
| HUNSADER, S.C.   | 9002260176          | 50-456 P            | JOHANSEN, J.   | 9003130729          | I&E                 | JOYCE, T.P.     | 9003060160          | 50-295              |
| HUNSADER, S.C.   | 9003140315          | 50-454 P            | JOHANSEN, J.   | 9003260313          | I&E                 | JOYCE, T.P.     | 9003080135          | 50-295              |
| HUNSADER, S.C.   | 9003220032          | 50-456 Q            | JOHANSEN, J.M. | 6609240047*         | FOIA                | JOYCE, T.P.     | 9003120094          | 50-295              |
| HUNSADER, S.C.   | 9003220188          | 50-454 P            | JOHANSEN, J.M. | 8610010382*         | FOIA                | JOYCE, T.P.     | 9003210253          | 50-295              |
| HUNSADER, S.C.   | 9003220219*         | 50-454 P            | JOHANSEN, J.M. | 8701090459*         | FOIA                | JOYCE, T.P.     | 8003220192          | 50-285              |
| HUNSTAD, A.A.    | 9002260388          | 50-282 S            | JOHNSON, A.    | 9003080031          | 50-244 P            | JOYCE, T.P.     | 9003260153          | 50-304              |
| HUNSTAD, A.A.    | 9003270415          | 50-306 S            | JOHNSON, A.G.  | 9003080262          | 50-243 R            | JOYNER          | 9003210357          | 50-54               |
| HUNT, M.D.       | 9002260280*         | 50-250 Q            | JOHNSON, A.G.  | 9003150405          | 50-243 P            | JUDAY, R.A.     | 9003010221          | 40-6659             |
| HUNT, M.D.       | 9003200412*         | 50-324 Q            | JOHNSON, A.R.  | 9003160332          | 50-244 P            | JULIAN, C.      | 9003200231*         | 50-338              |
| HUNTER, J.R.     | 9003150212          | XPORTLIC            | JOHNSON, B.    | 9003190117          | 70-25               | JULIAN, C.A.    | 9002260270          | 50-250              |
| HUNTINGTON, G.M. | 9003010190*         | 50-443 G            | JOHNSON, B.D.  | 9002260557          | 50-255 P            | JULIAN, C.A.    | 9002260286          | 50-385              |
| HURT, R.D.       | 9002260213          | 70-925              | JOHNSON, B.D.  | 9002270190          | 50-255 R            | JULIAN, C.A.    | 9003050040          | 50-395              |
| HURT, R.D.       | 9002260336          | 70-925              | JOHNSON, B.D.  | 9003020332          | 50-255 P            | JULIAN, C.A.    | 9003080352          | 50-269              |
| HURT, R.D.       | 9003020017          | 70-925              | JOHNSON, B.D.  | 9003060009          | 50-255 F            | JULIAN, C.A.    | 9003080385          | 50-340              |
| HURT, R.D.       | 9003130523          | PROJ                | JOHNSON, B.D.  | 9003080179          | 50-155 R            | JULIAN, C.A.    | 9003090205          | 50-324              |
| HURT, R.D.       | 9003130714          | PROJ                | JOHNSON, B.D.  | 9003120102          | 50-255 P            | JULIAN, C.A.    | 9003080249          | 50-261              |
| HURT, R.D.       | 9003130758*         | 70-925              | JOHNSON, B.D.  | 9003120117          | 50-255 S            | JULIAN, C.A.    | 9003090409          | 50-369              |
| HURT, R.D.       | 9003210212          | PROJ                | JOHNSON, B.D.  | 9003120623          | 50-255 R            | JULIAN, C.A.    | 9003190241          | 50-400              |
| HURT, R.D.       | 9003260106          | PROJ                | JOHNSON, B.D.  | 9003120631          | 50-255 R            | JULIAN, C.A.    | 9003200222          | 50-338              |
| HURT, R.D.       | 9003260129*         | PROJ                | JOHNSON, B.D.  | 9003190222          | 50-255 R            | JULIAN, C.A.    | 9003200228*         | 50-338              |
| HURT, R.D.       | 9003260134*         | PROJ                | JOHNSON, B.D.  | 9003270050          | 50-255 F            | JULIAN, C.A.    | 9003200408          | 50-324              |
| HUTCHINS, T.     | 9002220371          | 50-3                | JOHNSON, C.E.  | 9003120617*         | 50-458 Q            | JULIAN, C.A.    | 9003200410*         | 50-324              |
| HUTCHISON, L.B.  | 9003200213          | 50-397 R            | JOHNSON, C.E.  | 9003200226*         | 50-445 Q            | JULIAN, C.A.    | 9003210001          | 50-269              |
| IDEKER, R.L.     | 9003090180          | 70-143              | JOHNSON, C.G.  | 9003140447          | 40-8907             | JULIAN, C.A.    | 9003210023          | 60-335              |
| INGAVALLS, J.R.  | 9002270459*         | 50-354 Q            | JOHNSON, G.A.  | 9003200365          | XPORTLIC            | JULIAN, C.A.    | 9003210035          | 50-413              |
| INGRAM, F.       | 8606130251*         | 50-247 H            | JOHNSON, G.A.  | 9003220230          | XPORTLIC            | JULIAN, C.A.    | 9003210042          | 50-400              |
| INGRAM, F.       | 9003120360*         | PR                  | JOHNSON, G.A.  | 9003220232*         | XPORTLIC            | JULIAN, C.A.    | 9003210053          | 50-335              |
| INGRAM, F.       | 9003120390*         | PR                  | JOHNSON, I.M.  | 9003050033          | 50-10 F             | JULIAN, C.A.    | 9003210087          | 50-395              |
| IRVING, G.W.     | 9002270218          | 50-170 S            | JOHNSON, I.M.  | 9003090071          | 50-10 F             | JULIAN, C.A.    | 9003210334          | 50-335              |
| IRVING, G.W.     | 9002270243          | 50-170 S            | JOHNSON, I.M.  | 9003260130          | 50-10 F             | JULIAN, C.A.    | 9003220147          | 50-335              |
| IRVING, G.W.     | 9003080207*         | 50-170 S            | JOHNSON, J.R.  | 9002220255          | 50-338 F            | JULIAN, E.L.    | 9003190039          | 40-2061             |
| IRVING, G.W.     | 9003080216*         | 50-170 S            | JOHNSON, J.R.  | 9002220431*         | 50-443 Q            | JUPITER, C.     | 9003070030*         | CONTRACT            |
| ISAACS, T.H.     | 9003180034          | WASTE MGT           | JOHNSON, J.R.  | 9002260304          | 50-271 Q            | JURY, K.R.      | 9002260114*         | 50-261              |
| ISAAC, J.        | 9003200106          | 50-263 I            | JOHNSON, J.R.  | 9002270366          | 50-443 Q            | JURY, K.R.      | 9003220141*         | 50-261              |
| ISKANDER, S.K.   | 9003070238          | NUREG               | JOHNSON, J.R.  | 9003050078          | 50-244 Q            | JUSTUS, P.S.    | 9002270407          | WASTE MGT           |
| ISLEY, L.D.      | 9003130463          | 40-8027 G           | JOHNSON, J.R.  | 9003050130          | 50-159 R            | KAHLE, J.B.     | 9003130491*         | 70-143              |
| IVERSON, G.L.    | 900303010200*       | 50-443              | JOHNSON, J.R.  | 9003090001          | 50-305 R            | KAISER, A.F.    | 9003020075          | 50-258              |
| IVIE, W.E.       | 9003190130*         | FOIA                | JOHNSON, J.R.  | 9003160236          | 50-29 Q             | KAISER, A.F.    | 9003070020          | 50-258              |
| IVIE, W.E.       | 9003190172*         | FOIA                | JOHNSON, J.R.  | 9003160299          | 50-244 Q            | KALMAN, G.      | 9002220568          | 60-322              |
| JABBOUR, K.N.    | 9002260366          | 50-413 P            | JOHNSON, L.    | 9003120749*         | 40-3392             | KAMMERER, C.    | 8204290419*         | FOIA                |
| JABBOUR, K.N.    | 9003260104          | 50-413 P            | JOHNSON, M.L.  | 9003090146          | 50-338 R            | KAMMERER, C.    | 9002270055          | STATE PRO C         |
| JABLONSKI, F.J.  | 9003140288*         | 50-315 Q            | JOHNSON, N.M.  | 9003020116          | 50-293 H            | KAMMERER, C.    | 9003010088          | STATE PRO C         |
| JACKSON, G.      | 9003020195*         | FOIA                | JOHNSON, P.    | 9003070198          | 60-206 S            | KAMMERER, C.    | 9003090344*         | 50-3                |
| JACKSON, J.K.    | 9003120190          | 71-9036             | JOHNSON, P.    | 9003070350          | 60-362 S            | KAMMERER, C.    | 9003090356*         | 60-247              |
| JACKSON, R.L.    | 9002270183*         | 70-371              | JOHNSON, P.    | 9003080489          | 50-89 S             | KAMMERER, C.    | 9003090363*         | FOIA                |
| JACKSON, T.L.    | 9003200346          | FOIA                | JOHNSON, P.H.  | 9002260582*         | 60-206 Q            | KAMMERER, C.    | 9003090368*         | FOIA                |
| JACOBSEN, D.E.   | 9003080314          | 40-458 R            | JOHNSON, P.H.  | 9003140136*         | 60-397 Q            | KAMMERER, C.    | 9003090376*         | 60-220              |
| JACOBSON, J.     | 9003070264          | NUREG               | JOHNSON, S.A.  | 9003160304          | 60-302 R            | KAMMERER, C.    | 9003090386*         | 60-3                |
| JACOBSON, J.M.   | 9003200216*         | 50-454 Q            | JOHNSON, W.A.  | 9003080065          | PT21                | KAMMERER, C.    | 9003090399*         | FOIA                |
| JACOBSON, J.M.   | 9003220070*         | 50-282 Q            | JOHNSON, W.D.  | 9003070211*         | 50-445 Q            | KAMMERER, C.    | 9003090408*         | 60-322              |
| JACOBY, D.L.     | 9002280297*         | 40-8681             | JOHNSON, W.D.  | 9003130313          | 60-445 S            | KAMMERER, C.    | 9003090423*         | 60-322              |
| JACOBY, D.L.     | 9003020002*         | 40-8681             | JOHNSON, W.D.  | 9003020174          | 50-445 S            | KAMMERER, C.    | 9003090456*         | FOIA                |
| JACOBY, D.L.     | 9003150390*         | 40-8681             | JOHNSON, W.D.  | 9003220185          | 50-445 S            | KAMMERER, C.    | 9003090469*         | 60-3                |
| JACOBY, D.L.     | 9003200294*         | 40-8904             | JOHNSON, W.J.  | 9002220629          | TOPREP              | KAMMERER, C.    | 9003090473*         | 60-3                |
| JAFFE, D.H.      | 9002220383          | 50-423 P            | JOHNSON, W.J.  | 9002220634*         | TOPREP              | KAMMERER, C.    | 9003090503*         | 60-3                |
| JAFFE, D.H.      | 9003010074          | 50-423 P            | JOHNSON, W.J.  | 9002260358          | TOPREP              | KAMMERER, C.    | 9003090508*         | 50-322              |
| JAFFE, D.H.      | 9003020259          | 50-213 P            | JOHNSON, W.J.  | 9003200084          | 50-247 P            | KAMMERER, C.    | 9003120098*         | 60-333              |

| AUTHOR     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |             |            |
|------------|---------------------|---------------------|--------|---------------------|---------------------|-------------|---------------------|---------------------|-------------|------------|
| KAMMERER,C | 9003120104*         | 50-3                | U      | KAMMERER,C          | 9003130476*         | 50-322      | U                   | KENNEDY,R.B.        | 9003020114  | 40-8904    |
| KAMMERER,C | 9003120140*         | 50-322              | U      | KAMMERER,C          | 9003130483*         | FOIA        |                     | KENNEDY,W.E.        | 9003070227  | NUREG      |
| KAMMERER,C | 9003120153*         | 50-247              | U      | KAMMERER,C          | 9003130498*         | 50-322      | U                   | KENS'CKI,S          | 9003120452  | 50-440     |
| KAMMERER,C | 9003120167*         | 50-410              | U      | KAMMERER,C          | 9003130506*         | 50-322      | U                   | KENS'CKI,S.F.       | 9003080422* | 50-440     |
| KAMMERER,C | 9003120187*         | 50-335              | U      | KAMMERER,C          | 9003130509*         | FOIA        |                     | KENT,A.P.           | 9003220020  | 50-498     |
| KAMMERER,C | 9003120221*         | FOIA                |        | KAMMERER,C          | 9003130512*         | 50-322      | U                   | KENYON,T.J.         | 9003180388  | PROJ       |
| KAMMERER,C | 9003120230*         | FOIA                |        | KAMMERER,C          | 9003130518*         | FOIA        |                     | KEPPLER,J.G.        | 9003010176* | 40-3392    |
| KAMMERER,C | 9003120238*         | FOIA                |        | KAMMERER,C          | 9003130539*         | 50-322      | U                   | KEPPLER,J.G.        | 9003010238* | 40-3392    |
| KAMMERER,C | 9003120248*         | 50-333              | U      | KAMMERER,C          | 9003130543*         | 50-322      | U                   | KEPPLER,J.G.        | 9003010274* | 40-3392    |
| KAMMERER,C | 9003120259*         | 50-3                | U      | KAMMERER,C          | 9003150381          | STATE PRO G |                     | KEPPLER,J.G.        | 9003010303* | 40-3392    |
| KAMMERER,C | 9003120268*         | 50-275              | H      | KAMMERER,C          | 9003190171*         | FOIA        |                     | KEPPLER,J.G.        | 9003090487* | 40-2061    |
| KAMMERER,C | 9003120276*         | 50-3                | U      | KANE,G.E.           | 9003130039          | 50-339      | S                   | KEPPLER,J.G.        | 9003300499* | 40-2061    |
| KAMMERER,C | 9003120283*         | 50-3                | U      | KANE,W.             | 9003200203*         | FOIA        |                     | KEPPLER,J.G.        | 9003090502* | 40-2061    |
| KAMMERER,C | 9003120318*         | FOIA                |        | KANE,W.F.           | 9002260534          | 50-333      | Q                   | KEPPLER,J.G.        | 9003300457* | 40-2061    |
| KAMMERER,C | 9003120344*         | 50-244              | U      | KANE,W.F.           | 9002270283          | 50-283      | Q                   | KEPPLER,J.G.        | 9003120160* | 40-2061    |
| KAMMERER,C | 9003120372*         | 50-322              | U      | KANE,W.F.           | 9002270456          | 50-334      | Q                   | KEPPLER,J.G.        | 9003120177* | 40-2061    |
| KAMMERER,C | 9003120393*         | FOIA                |        | KANE,W.F.           | 9003160046          | 50-317      | Q                   | KEPPLER,J.G.        | 9003120429* | 40-2061    |
| KAMMERER,C | 9003120419*         | 50-3                | U      | KANE,W.F.           | 9003270214          | 50-330      | Q                   | KEPPLER,J.G.        | 9003120478* | 40-2061    |
| KAMMERER,C | 9003120431*         | FOIA                |        | KANSLER,M.H.        | 9003150362          | 50-281      | S                   | KEPPLER,J.G.        | 9003120513* | 40-2061    |
| KAMMERER,C | 9003120441*         | 50-244              | U      | KAPLAN,A.           | 9002230456          | 50-440      | P                   | KEPPLER,J.G.        | 9003120605* | 40-2061    |
| KAMMERER,C | 9003120455*         | 50-244              | U      | KAPLAN,A.           | 9003380303          | 50-440      | R                   | KEPPLER,J.G.        | 9003120636* | 40-2061    |
| KAMMERER,C | 9003120476*         | 50-247              | U      | KAPLAN,A.           | 9003380417          | 50-440      | R                   | KEPPLER,J.G.        | 9003120653* | 40-2061    |
| KAMMERER,C | 9003120484*         | 50-3                | U      | KAPLAN,A.           | 9003120580          | 50-440      | R                   | KEPPLER,J.G.        | 9003120659* | 40-2061    |
| KAMMERER,C | 9003120492*         | 50-3                | U      | KAPLAN,A.           | 9003140029          | 50-440      | S                   | KEPPLER,J.G.        | 9003120746* | 40-2061    |
| KAMMERER,C | 9003120495*         | 50-3                | U      | KAPLAN,A.           | 9003150370          | 50-440      | Q                   | KEPPLER,J.G.        | 9003130031* | 40-2061    |
| KAMMERER,C | 9003120499*         | 50-3                | H      | KAPLAN,A.           | 9003190261          | 50-440      | P                   | KEPPLER,J.G.        | 9003130139* | FOIA       |
| KAMMERER,C | 9003120509*         | 50-244              | U      | KAPLAN,A.           | 9003190266          | 50-440      | P                   | KEPPLER,J.G.        | 9003130191* | 40-2061    |
| KAMMERER,C | 9003120516*         | 50-247              | U      | KAPLAN,A.           | 9003200002          | 50-440      | K                   | KEPPLER,J.G.        | 9003130223* | 40-2061    |
| KAMMERER,C | 9003120522*         | 50-3                | U      | KAPLAN,A.           | 9003200108          | 50-440      | R                   | KEPPLER,J.G.        | 9003190159* | FOIA       |
| KAMMERER,C | 9003120535*         | 50-3                | U      | KAPLAN,A.           | 9003200437          | 50-440      | P                   | KEPPLER,P           | 9002220216  | 40-8620    |
| KAMMERER,C | 9003120541*         | 50-3                | U      | KAPLAN,A.           | 9003210285          | 50-440      | P                   | KERRY,J.F.          | 9003060027* | 50-443     |
| KAMMERER,C | 9003120548*         | FOIA                |        | KAPLAN,A.           | 9003210290          | 50-440      | P                   | KEUTER,D.R.         | 9002270203  | 50-312     |
| KAMMERER,C | 9003120555*         | 50-3                | U      | KAPLAN,A.           | 9003220011          | 50-440      | P                   | KEUTER,D.R.         | 9002280009  | 50-312     |
| KAMMERER,C | 9003120557*         | 50-3                | U      | KAPLAN,A.           | 9003230108          | 50-440      | S                   | KEUTER,D.R.         | 9003020251  | 50-312     |
| KAMMERER,C | 9003120563*         | 50-3                | U      | KARAGANIS,J.V.      | 9003010064          | 40-2061     |                     | KEUTER,D.R.         | 9003020263  | 50-312     |
| KAMMERER,C | 9003120570*         | 50-244              | U      | KARAGANIS,J.V.      | 9003010078          | 40-2061     |                     | KEUTER,D.R.         | 9003060083  | 50-312     |
| KAMMERER,C | 9003120577*         | 50-3                | U      | KARAGANIS,J.V.      | 9003190033          | 40-2061     |                     | KEUTER,D.R.         | 9003080285  | 50-312     |
| KAMMERER,C | 9003120586*         | 50-322              | U      | KARAGANIS,J.V.      | 9003190042          | 40-2061     |                     | KEUTER,D.R.         | 9003090304  | 50-312     |
| KAMMERER,C | 9003120594*         | 50-322              | U      | KARAGANIS,J.V.      | 9003190042          | 40-2061     |                     | KEUTER,D.R.         | 9003120458  | 50-312     |
| KAMMERER,C | 9003120609*         | 50-410              | U      | KARAM,R.A.          | 9003020320          | 50-180      | F                   | KEUTER,D.R.         | 9003150226  | 50-312     |
| KAMMERER,C | 9003120618*         | FOIA                |        | KARAM,R.A.          | 9003060007          | 50-160      | F                   | KEUTER,D.R.         | 9003150403  | 50-312     |
| KAMMERER,C | 9003120632*         | 50-3                | H      | KARAM,R.A.          | 9003080446          | 50-160      | F                   | KEUTER,D.R.         | 9003150430  | 50-312     |
| KAMMERER,C | 9003120637*         | 50-410              | U      | KARAM,R.A.          | 9003090301*         | 50-160      | V                   | KEUTER,D.R.         | 9003160203  | 50-312     |
| KAMMERER,C | 9003120646*         | 50-247              | U      | KARCHER,K.E.        | 9003090519*         | 60-324      | P                   | KEUTER,D.R.         | 9003190078  | 50-312     |
| KAMMERER,C | 9003120654*         | 50-322              | U      | KARR,K.M.           | 9002200288          | COMMISSION  |                     | KEUTER,D.R.         | 9003280381  | 50-312     |
| KAMMERER,C | 9003120658*         | 50-247              | U      | KASNICK,D.          | 9003050090*         | 70-1113     |                     | KEYS,T.A.           | 9002280049* | 50-327     |
| KAMMERER,C | 9003120667*         | 50-410              | U      | KASNICK,D.          | 9003210126*         | 50-27       |                     | KILLWINE,C.         | 9003010334  | PR         |
| KAMMERER,C | 9003120680*         | 50-322              | U      | KASUGA,R.W.         | 9003090265          | 50-213      | S                   | KIM,H.              | 9003090105* | 50-295     |
| KAMMERER,C | 9003120689*         | 50-322              | U      | KASUN,D.J.          | 9002260469          | 70-27       |                     | KINDLEY,W.R.        | 9003300142* | 50-443     |
| KAMMERER,C | 9003120699*         | 60-220              | U      | KASUN,D.J.          | 9002260466          | 70-734      |                     | KING,L.P.           | 9002280407* | 50-338     |
| KAMMERER,C | 9003120708*         | 60-3                | U      | KASUN,D.J.          | 9002270177          | 70-371      |                     | KING,T.L.           | 9003200218* | FOIA       |
| KAMMERER,C | 9003120718*         | 50-244              | U      | KASUN,D.J.          | 9003060093          | 70-1151     |                     | KINGSLEY,O.D.       | 9002270367* | 50-259     |
| KAMMERER,C | 9003120729*         | 50-244              | U      | KASUN,D.J.          | 9003070297          | 70-371      |                     | KINGSLEY,O.D.       | 9003070148  | 50-380     |
| KAMMERER,C | 9003120734*         | 50-3                | H      | KASUN,D.J.          | 9003230083          | 70-1100     |                     | KINGSLEY,O.D.       | 9003120892  | 50-259     |
| KAMMERER,C | 9003130004*         | 50-322              | U      | KASUN,D.J.          | 9003260509          | 70-143      |                     | KINGSLEY,O.D.       | 9003140372  | 50-259     |
| KAMMERER,C | 9003130072*         | 50-244              | U      | KAUFFMAN,J.T.       | 9003090049*         | 50-387      | R                   | KINGSLEY,O.D.       | 9003160407  | 50-327     |
| KAMMERER,C | 9003130083*         | 50-322              | U      | KAZUKYNAST,B.       | 9003220167          | 50-213      | S                   | KINGSLEY,O.D.       | 9003190105  | 50-260     |
| KAMMERER,C | 9003130095*         | FOIA                |        | KEENEY,WALKER       | 9003070238          | NUREG       |                     | KINNEMAN,J.         | 8701080508* | FOIA       |
| KAMMERER,C | 9003130114*         | 50-3                | U      | KEIMIG,R.R.         | 9002270445*         | 60-283      | Q                   | KINNEMAN,J.         | 8701080513* | FOIA       |
| KAMMERER,C | 9003130128*         | 50-247              | U      | KEIMIG,R.R.         | 9003020013*         | 60-29       | Q                   | KINNEMAN,J.         | 8701080519* | FOIA       |
| KAMMERER,C | 9003130147*         | 50-322              | U      | KEIMIG,R.R.         | 9003080383*         | 60-77       | Q                   | KINNEMAN,J.         | 8701080525* | FOIA       |
| KAMMERER,C | 9003130182*         | 50-220              | U      | KEIMIG,R.R.         | 9003180229*         | 50-213      | Q                   | KINNEMAN,J.         | 8701080545* | FOIA       |
| KAMMERER,C | 9003130196*         | FOIA                |        | KEISER,H.W.         | 9002220349          | 50-387      | P                   | KINNEMAN,J.         | 8701080552* | FOIA       |
| KAMMERER,C | 9003130230*         | FOIA                |        | KEISER,H.W.         | 9002260423          | 50-387      | R                   | KINNEMAN,J.D.       | 9003050273  | 40-772     |
| KAMMERER,C | 9003130244*         | 50-322              | U      | KEISER,H.W.         | 9002280500          | 50-387      | P                   | KINTNER,E.E.        | 9003070072* | COMMISSION |
| KAMMERER,C | 9003130252*         | 50-322              | U      | KEISER,H.W.         | 9002270183          | 50-387      | P                   | KINTNER,E.E.        | 9003080103  | PROJ       |
| KAMMERER,C | 9003130263*         | 50-3                | U      | KEISER,H.W.         | 9003010276          | 50-387      | P                   | KINTNER,E.E.        | 9003280325  | PROJ       |
| KAMMERER,C | 9003130281*         | FOIA                |        | KEISER,H.W.         | 9003020084          | 50-388      | P                   | KINTNER,L.L.        | 9003050104  | 50-416     |
| KAMMERER,C | 9003130290*         | 50-322              | U      | KEISER,H.W.         | 9003080483          | 50-387      | R                   | KINTNER,L.L.        | 9003140487  | 50-416     |
| KAMMERER,C | 9003130302*         | 60-410              | U      | KEISER,H.W.         | 9003090035          | 50-387      | P                   | KINTNER,L.L.        | 9003220237  | 60-418     |
| KAMMERER,C | 9003130314*         | 50-322              | U      | KEISER,H.W.         | 9003120063          | 60-387      | P                   | KIRKWOOD,R.         | 9003200214* | FOIA       |
| KAMMERER,C | 9003130321*         | 50-322              | U      | KEISER,H.W.         | 9003120072          | 60-388      | P                   | KIRSCH,D.F.         | 9003060286  | 50-344     |
| KAMMERER,C | 9003130327*         | 50-322              | U      | KEISER,H.W.         | 9003120077          | 60-387      | P                   | KIRSCH,D.F.         | 9003090289* | 50-344     |
| KAMMERER,C | 9003130336*         | 50-247              | U      | KEISER,H.W.         | 9003140405          | 50-387      | R                   | KIRSCH,D.F.         | 9003080322  | 50-528     |
| KAMMERER,C | 9003130358*         | 50-286              | U      | KEISER,H.W.         | 9003210085          | 50-387      | P                   | KIRSCH,D.F.         | 9003090478  | 50-208     |
| KAMMERER,C | 9003130368*         | 60-322              | U      | KEISER,H.W.         | 9003210088*         | 50-387      | P                   | KIRSCH,D.F.         | 9003080479* | 60-206     |
| KAMMERER,C | 9003130377*         | 60-322              | U      | KEISER,H.W.         | 9003210278          | 50-387      | Q                   | KIRSCH,D.F.         | 9003090500  | 50-528     |
| KAMMERER,C | 9003130384*         | 60-322              | U      | KEISER,H.W.         | 9003220082          | 50-387      | F                   | KIRSCH,D.F.         | 9003200227* | FOIA       |
| KAMMERER,C | 9003130390*         | 50-244              | U      | KEISER,H.W.         | 9003260150          | 50-387      | F                   | KIRSCH,D.F.         | 9003220266  | 50-397     |
| KAMMERER,C | 9003130401*         | 50-322              | U      | KEISER,H.W.         | 9003270337          | 60-387      | P                   | KIRSCH,D.F.         | 9003280322  | 50-276     |
| KAMMERER,C | 9003130407*         | 60-410              | U      | KELLER,R.N.         | 9003080237          | 50-423      | S                   | KIRSCH,D.F.         | 9003280342  | 50-397     |
| KAMMERER,C | 9003130418*         | 60-322              | U      | KELLER,R.N.         | 9003090431          | 50-423      | S                   | KIRSCH,D.F.         | 9003280418  | 50-381     |
| KAMMERER,C | 9003130426*         | 60-322              | U      | KELLER,R.N.         | 9003090431          | 50-423      | S                   | KISEROW,J.A.        | 9003080319  | 71-9033    |
| KAMMERER,C | 9003130436*         | 50-410              | U      | KELLEY,D.L.         | 9003140014*         | 60-298      | Q                   | KIZER,K.W.          | 9003140462  | STATE PRO  |
| KAMMERER,C | 9003130446*         | 50-322              | U      | KELLEY,G.           | 9003270221*         | 60-308      | Q                   | KLINE               | 9002280038  | 50-443     |
| KAMMERER,C | 9003130454*         | 50-322              | H      | KELLY,L.C.          | 9002260341*         | 60-302      | V                   | KNAPP               | 9003210357  | 50-54      |
| KAMMERER,C | 9003130464*         | 60-322              | U      | KENDALL,J.M.        | 9003070027*         | ACRS        |                     | KNAPP,M.            | 9003200283  | I&E        |
| KAMMERER,C | 9003130472*         | 60-322              | U      | KENNEDY,E.M.        | 9003080027*         | 50-443      | U                   | KNAPP,M.R.          | 8905010040* | FOIA       |

| AUTHOR       | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR        | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY |
|--------------|------------------|------------------|---------------|------------------|------------------|----------------|------------------|------------------|
| KNAPP, M.R.  | 8909080069*      | FOIA             | LABARGE, D.E. | 9003050255       | 50-333 P         | LESSER, M.S.   | 9003210007*      | 50-413 Q         |
| KNAPP, M.R.  | 9002270131       | 50-293 O         | LABARGE, D.E. | 9003070019       | 50-333 P         | LESTER, K.S.   | 9003120758       | 70-1201          |
| KNAPP, M.R.  | 9002270244       | 50-293 F         | LABARGE, D.E. | 9003130211       | 50-333 Q         | LEVENTHAL, P.  | 9003200034       | FOIA             |
| KNAPP, M.R.  | 9002270271       | 70-1103          | LABARGE, D.E. | 9003140292       | 50-333 P         | LEVESQUE, R.C. | 9003120303*      | 40-2061          |
| KNAPP, M.R.  | 9002270441       | 50-293 Q         | LABARGE, D.E. | 9003160298       | 50-333 P         | LEVESQUE, R.C. | 9003120369*      | 40-2061          |
| KNAPP, M.R.  | 9002280092       | 70-135           | LABARGE, D.E. | 9003160425       | 50-333 Q         | LEVINE, J.M.   | 9002270070       | 50-528 S         |
| KNAPP, M.R.  | 9003050046       | 50-54 O          | LABARGE, D.E. | 9003260118       | 50-333 Q         | LEVINE, J.M.   | 9002280088       | 50-528 S         |
| KNAPP, M.R.  | 9003090316       | 50-245 O         | LABARGE, D.E. | 9002260437       | 50-272 Q         | LEVINE, J.M.   | 9003080284       | 50-528 S         |
| KNAPP, M.R.  | 5003140006       | 50-317 O         | LABARGE, D.E. | 9003060012       | 50-272 P         | LEVINE, J.M.   | 9003080060       | 50-530 S         |
| KNAPP, M.R.  | 9003140017       | 50-271 F         | LABARGE, D.E. | 9003070373       | 50-272 P         | LEVINE, J.M.   | 9003080076       | 50-530 S         |
| KNAPP, M.R.  | 9003140050       | 50-54 P          | LABARGE, D.E. | 9003090029       | 50-272 P         | LEVINE, J.M.   | 9003080090       | 50-528 S         |
| KNIGHT, W.G. | 9002160166       | 50-382 S         | LABARGE, D.E. | 9003220179       | 50-272 Q         | LEVINE, J.M.   | 9003130587       | 50-528 S         |
| KNIGHT, W.G. | 9003230025*      | 50-263 O         | LABARGE, D.E. | 9003260533       | 50-311 Q         | LEVINE, J.M.   | 9003150452       | 50-528 v         |
| KNIGHT, W.G. | 9003120271*      | FR               | LABARGE, D.E. | 9003210370       | 50-334 P         | LEVINE, J.M.   | 9003150459       | 50-528 v         |
| KNIGHT, W.G. | 90030310459      | 40-8027          | LABARGE, D.E. | 8701080513*      | FOIA             | LEVINE, J.M.   | 9003160044       | 50-528 v         |
| KNIGHT, W.G. | 9003090108       | 40-8027          | LABARGE, D.E. | 8611250155*      | FOIA             | LEVINE, J.M.   | 9003190173       | 50-528 R         |
| KNIGHT, W.G. | 9002270003       | 50-461 O         | LABARGE, D.E. | 90032020160      | 50-410 S         | LEVINE, J.M.   | 9003220273       | 50-530 S         |
| KNIGHT, W.G. | 9002270004*      | 50-461 O         | LABARGE, D.E. | 9003150117       | 50-410 S         | LEVINE, J.M.   | 9002280329*      | 50-324 O         |
| KNIGHT, W.G. | 9002270161       | 50-305 O         | LABARGE, D.E. | 9002260401       | WASTE MGT        | LEVINE, J.M.   | 9002270311*      | 50-219 O         |
| KNIGHT, W.G. | 9002270163*      | 50-305 O         | LABARGE, D.E. | 9003120339*      | PR               | LEVINE, J.M.   | 9002270392       | ACRS             |
| KNIGHT, W.G. | 9003230008       | 50-331 O         | LABARGE, D.E. | 9002230036       | TOPREP           | LEVINE, J.M.   | 9002280078       | ACRS             |
| KNIGHT, W.G. | 9003060142       | CONTRACT         | LABARGE, D.E. | 9002280265       | 50-445 Q         | LEVINE, J.M.   | 9003210017       | PR               |
| KNIGHT, W.G. | 9003070021       | CONTRACT         | LABARGE, D.E. | 9003230297*      | 50-395 V         | LEVINE, J.M.   | 9003220555       | PR               |
| KNIGHT, W.G. | 9003070028       | CONTRACT         | LABARGE, D.E. | 8911090198*      | 50-387 P         | LEVINE, J.M.   | 9003200235*      | FOIA             |
| KNIGHT, W.G. | 9003140349       | CONTRACT         | LABARGE, D.E. | 8911090225*      | 50-352 P         | LEVINE, J.M.   | 9003060140       | 50-260 O         |
| KNIGHT, W.G. | 9003150058       | CONTRACT         | LABARGE, D.E. | 9001080152*      | 50-288 P         | LEVINE, J.M.   | 9003130633       | 50-260 O         |
| KNIGHT, W.G. | 9003160317       | CONTRACT         | LABARGE, D.E. | 9002260102       | 50-400 M         | LEVINE, J.M.   | 9003190158       | 50-260 O         |
| KNIGHT, W.G. | 9003190369       | CONTRACT         | LABARGE, D.E. | 9003080425*      | 50-324 P         | LEVINE, J.M.   | 9003200050       | 50-390 O         |
| KNIGHT, W.G. | 9003220118       | CONTRACT         | LABARGE, D.E. | 9003020013*      | 50-29 Q          | LEVINE, J.M.   | 9003200053*      | 50-390 O         |
| KNIGHT, W.G. | 9003220128       | CONTRACT         | LABARGE, D.E. | 9003160229*      | 50-213 Q         | LEVINE, J.M.   | 9003210031*      | 50-205 P         |
| KNIGHT, W.G. | 9003230162       | CONTRACT         | LABARGE, D.E. | 9003010480       | PR               | LEVINE, J.M.   | 9003210034*      | 50-295 P         |
| KNIGHT, W.G. | 9003230173       | CONTRACT         | LABARGE, D.E. | 9003260187       | 50-302 R         | LEVINE, J.M.   | 9003130277*      | 40-2061          |
| KNIGHT, W.G. | 9003130205*      | 40-2061          | LABARGE, D.E. | 9003270069       | 50-423 S         | LEVINE, J.M.   | 8204020154*      | 40-3392          |
| KNIGHT, W.G. | 9003010061*      | 40-3392          | LABARGE, D.E. | 9003140266*      | 50-278 S         | LEVINE, J.M.   | 8707301018*      | FOIA             |
| KNIGHT, W.G. | 9003010054       | 40-2051          | LABARGE, D.E. | 9003150238*      | 50-445 Q         | LEVINE, J.M.   | 8904030207*      | FOIA             |
| KNIGHT, W.G. | 9003080264       | 50-361 P         | LABARGE, D.E. | 9003080033*      | 50-352 Q         | LEVINE, J.M.   | 9002230070       | I&E              |
| KNIGHT, W.G. | 9003050370       | 50-361 P         | LABARGE, D.E. | 5003160022       | 50-283 O         | LEVINE, J.M.   | 9002230095       | 50-275 O         |
| KNIGHT, W.G. | 9003150303       | 50-361 P         | LABARGE, D.E. | 9003120500*      | 40-2061          | LEVINE, J.M.   | 9002260360       | 50-54 P          |
| KNIGHT, W.G. | 9003160079       | 50-361 P         | LABARGE, D.E. | 9002280032*      | COMMISSION       | LEVINE, J.M.   | 9002280274       | 50-254 S         |
| KNIGHT, W.G. | 5003270410       | 50-361 P         | LABARGE, D.E. | 9002270451*      | COMMISSION       | LEVINE, J.M.   | 9003010031       | 50-254 Q         |
| KNIGHT, W.G. | 9003010464       | PR               | LABARGE, D.E. | 9002260535*      | WASTE MGT        | LEVINE, J.M.   | 9003010487       | 50-255 Q         |
| KNIGHT, W.G. | 9002280213       | 50-373 S         | LABARGE, D.E. | 9003070191       | WASTE MGT        | LEVINE, J.M.   | 9003010490       | I&E              |
| KNIGHT, W.G. | 9002230041*      | 40-8903          | LABARGE, D.E. | 9003070288*      | WASTE MGT        | LEVINE, J.M.   | 9003010497       | I&E              |
| KNIGHT, W.G. | 9002280198       | 40-8902          | LABARGE, D.E. | 9003210129*      | ORG              | LEVINE, J.M.   | 9003020030       | 50-220 O         |
| KNIGHT, W.G. | 9002280201       | 40-8303          | LABARGE, D.E. | 9003010270       | PR               | LEVINE, J.M.   | 9003050197       | 50-316 Q         |
| KNIGHT, W.G. | 9003150092*      | 40-8304          | LABARGE, D.E. | 9003070254       | NUREG            | LEVINE, J.M.   | 9003050201       | 50-254 O         |
| KNIGHT, W.G. | 9003150254*      | 40-8926          | LABARGE, D.E. | 9003010023       | 40-3392          | LEVINE, J.M.   | 9003050204       | 50-254 v         |
| KNIGHT, W.G. | 9003150356       | 40-8102          | LABARGE, D.E. | 9003120779*      | 40-3392          | LEVINE, J.M.   | 9003080250       | 50-259 O         |
| KNIGHT, W.G. | 9003090334*      | FOIA             | LABARGE, D.E. | 9003130046*      | 40-3392          | LEVINE, J.M.   | 9003080487       | 50-382 O         |
| KNIGHT, W.G. | 9002270311*      | 50-219 O         | LABARGE, D.E. | 9003140007*      | 50-317 Q         | LEVINE, J.M.   | 9003120229       | 50-317 Q         |
| KNIGHT, W.G. | 9003160036*      | 50-286 O         | LABARGE, D.E. | 9002260471*      | 50-184 Q         | LEVINE, J.M.   | 9003120246       | I&E              |
| KNIGHT, W.G. | 9002260589       | 40-3392          | LABARGE, D.E. | 9002270429*      | 50-247 Q         | LEVINE, J.M.   | 9003120251       | I&E              |
| KNIGHT, W.G. | 9002260293*      | 50-235 O         | LABARGE, D.E. | 9003050060*      | 50-443 Q         | LEVINE, J.M.   | 9003130720       | I&E              |
| KNIGHT, W.G. | 9002280303       | 50-373 O         | LABARGE, D.E. | 9003120554*      | 50-220 Q         | LEVINE, J.M.   | 9003140213       | I&E              |
| KNIGHT, W.G. | 9002270406       | 50-254 O         | LABARGE, D.E. | 9003160128*      | 50-219 Q         | LEVINE, J.M.   | 9003140337       | I&E              |
| KNIGHT, W.G. | 9003020007       | 50-237 O         | LABARGE, D.E. | 9003190063       | 50-271 G         | LEVINE, J.M.   | 9003150246       | I&E              |
| KNIGHT, W.G. | 9003060022       | 50-235 O         | LABARGE, D.E. | 9003200205       | 50-324 P         | LEVINE, J.M.   | 9003150443       | 50-324 O         |
| KNIGHT, W.G. | 9003130393       | 50-254 Q         | LABARGE, D.E. | 9002230088       | 50-324 P         | LEVINE, J.M.   | 9003180261       | 50-331 Q         |
| KNIGHT, W.G. | 9003130319       | 50-235 Q         | LABARGE, D.E. | 9003230352       | 50-324 P         | LEVINE, J.M.   | 9003180273       | I&E              |
| KNIGHT, W.G. | 9003200036       | 50-10 F          | LABARGE, D.E. | 9003070325       | 50-324 P         | LEVINE, J.M.   | 9003160281       | I&E              |
| KNIGHT, W.G. | 9003200055       | 50-456 O         | LABARGE, D.E. | 9003220115       | 50-324 P         | LEVINE, J.M.   | 9003180224*      | FOIA             |
| KNIGHT, W.G. | 9003220249       | 50-237 S         | LABARGE, D.E. | 9003220171       | 50-324 P         | LEVINE, J.M.   | 9003190341*      | FOIA             |
| KNIGHT, W.G. | 9003010347       | PR               | LABARGE, D.E. | 9003190126*      | 70-145           | LEVINE, J.M.   | 9003190343*      | FOIA             |
| KNIGHT, W.G. | 9003120117       | 50-255 S         | LABARGE, D.E. | 9003010431       | PR               | LEVINE, J.M.   | 9003190347*      | FOIA             |
| KNIGHT, W.G. | 9003230077       | 50-220 P         | LABARGE, D.E. | 9002260239       | ACRS             | LEVINE, J.M.   | 9003190352*      | FOIA             |
| KNIGHT, W.G. | 9003080236*      | 50-397 P         | LABARGE, D.E. | 9002260445*      | WASTE MGT        | LEVINE, J.M.   | 9003190355*      | FOIA             |
| KNIGHT, W.G. | 9003080240*      | 50-397 P         | LABARGE, D.E. | 9002260167       | 50-309 P         | LEVINE, J.M.   | 9003190356*      | FOIA             |
| KNIGHT, W.G. | 9003160234       | 50-266 R         | LABARGE, D.E. | 9002260186       | 50-309 Q         | LEVINE, J.M.   | 9003200017       | I&E              |
| KNIGHT, W.G. | 9003300138*      | 40-2061          | LABARGE, D.E. | 9002260397       | 50-309 Q         | LEVINE, J.M.   | 9003200021       | 50-440 O         |
| KNIGHT, W.G. | 9003270362*      | WASTE MGT        | LABARGE, D.E. | 9003020003       | 50-309 P         | LEVINE, J.M.   | 9003200031       | 50-313 Q         |
| KNIGHT, W.G. | 9003210012*      | 50-413 O         | LABARGE, D.E. | 9003020247       | 50-309 P         | LEVINE, J.M.   | 9003220031       | 50-254 v         |
| KNIGHT, W.G. | 9003220127*      | 50-269 O         | LABARGE, D.E. | 9003200089       | 50-309 P         | LEVINE, J.M.   | 9003220208       | 50-295 O         |
| KNIGHT, W.G. | 9003130267*      | 40-2061          | LABARGE, D.E. | 9003220276*      | 50-271 P         | LEVINE, J.M.   | 9003260013       | I&E              |
| KNIGHT, W.G. | 9003130501*      | 50-498 P         | LABARGE, D.E. | 9003260289       | 50-285 S         | LEVINE, J.M.   | 9003090210       | 50-443 H         |
| KNIGHT, W.G. | 9002280264*      | 50-247 R         | LABARGE, D.E. | 9002260109       | WASTE RES        | LEVINE, J.M.   | 9002270455       | WASTE MGT        |
| KNIGHT, W.G. | 9002280269*      | 50-247 R         | LABARGE, D.E. | 9002260335       | 50-352 V         | LEVINE, J.M.   | 9002280085       | WASTE MGT        |
| KNIGHT, W.G. | 9003270345       | 50-247 R         | LABARGE, D.E. | 9002270214       | 50-352 R         | LEVINE, J.M.   | 9003010488       | WASTE MGT        |
| KNIGHT, W.G. | 9003130014       | TOPREP           | LABARGE, D.E. | 9003080305       | 50-352 R         | LEVINE, J.M.   | 9003060321       | WASTE MGT        |
| KNIGHT, W.G. | 9002260008       | 50-298 P         | LABARGE, D.E. | 9003200115       | 50-352 R         | LEVINE, J.M.   | 9003120092       | WASTE MGT        |
| KNIGHT, W.G. | 9002260675*      | 50-373 Q         | LABARGE, D.E. | 9003200146       | 50-352 R         | LEVINE, J.M.   | 9003120089       | WASTE MGT        |
| KNIGHT, W.G. | 9002280258*      | 50-155 Q         | LABARGE, D.E. | 9003190248       | 50-317 F         | LEVINE, J.M.   | 9003140063       | WASTE MGT        |
| KNIGHT, W.G. | 9003060131       | 50-263 F         | LABARGE, D.E. | 9003210101*      | 50-395 Q         | LEVINE, J.M.   | 9003180060       | WASTE MGT        |
| KNIGHT, W.G. | 9003080271       | 50-382 F         | LABARGE, D.E. | 9003230315       | 71-4988          | LEVINE, J.M.   | 9003200362       | WASTE MGT        |
| KNIGHT, W.G. | 9003130509       | NUREG            | LABARGE, D.E. | 9003230320       | 71-9010          | LEVINE, J.M.   | 9003200371       | WASTE MGT        |
| KNIGHT, W.G. | 9002220538       | 50-333 Q         | LABARGE, D.E. | 9003080238*      | 50-397 P         | LEVINE, J.M.   | 9003230345       | WASTE MGT        |
| KNIGHT, W.G. | 9002270073       | 50-333 P         | LABARGE, D.E. | 9003080269*      | PR               | LEVINE, J.M.   | 9002220522       | 50-317 O         |
| KNIGHT, W.G. | 9002270090       | 50-333 P         | LABARGE, D.E. | 9003120176*      | PR               | LEVINE, J.M.   | 9002260154       | 50-247 O         |
| KNIGHT, W.G. | 9003020282       | 50-333 P         | LABARGE, D.E. | 9002230545*      | 50-413 O         | LEVINE, J.M.   | 9002270349       | 50-288 O         |

| AUTHOR        | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR  | ACCESSION NUMBER | SUBJECT CATEGORY |          |
|---------------|------------------|------------------|--------|------------------|------------------|---------|------------------|------------------|----------|
| LIMW,LE J.C   | 9003120567       | 50-317           | Q      | LYONS,P.J        | 9003150313       | 40-299  | MACDONALD,C.E    | 9003210185*      | 71-9019  |
| LIMW,LE J.C   | 9003140385       | 50-317           | Q      | MACDONALD,C.E    | 90032260184      | 71-9010 | MACDONALD,C.E    | 90032201095      | 71-9787  |
| LIMW,LE J.C   | 9003180290       | 50-220           | Q      | MACDONALD,C.E    | 8609180332*      | 71-5980 | MACDONALD,C.E    | 90032201096      | 71-6703  |
| LIMW,LE J.C   | 9003260555       | 50-220           | Q      | MACDONALD,C.E    | 9002223492       | 71-9028 | MACDONALD,C.E    | 9003220138       | 71-6717  |
| LIT,E         | 9003190368       | 70-25            |        | MACDONALD,C.E    | 9002223509       | 71-9129 | MACDONALD,C.E    | 9003220148       | 71-3068  |
| LITTLE,A      | 9003010380       | FR               |        | MACDONALD,C.E    | 90022230258      | 71-9189 | MACDONALD,C.E    | 9003220149       | 71-9027  |
| LITTLE,W.S    | 9003210107*      | 50-259           | Q      | MACDONALD,C.E    | 90022230540      | 71-9032 | MACDONALD,C.E    | 9003220151       | 71-9216  |
| LIJ,T.H       | 9003090220*      | 50-498           | P      | MACDONALD,C.E    | 90022260063      | 71-9034 | MACDONALD,C.E    | 9003220154       | 71-9033  |
| LIVERMORE,H.H | 9002140081*      | 50-445           | Q      | MACDONALD,C.E    | 90022260066      | 71-9033 | MACDONALD,C.E    | 90032260009      | 71-9204  |
| LIVERMORE,H.H | 9002270451*      | 50-445           | Q      | MACDONALD,C.E    | 90022260122      | 71-9234 | MACDONALD,C.E    | 90032260010      | 71-5086  |
| LLOYD,H       | 9003070108       | 50-387           | S      | MACDONALD,C.E    | 90022260150      | 71-9032 | MACDONALD,C.E    | 90032260012      | 71-8206  |
| LLOYD,H       | 9003220265       | 50-387           | S      | MACDONALD,C.E    | 90022260216      | 71-9224 | MACDONALD,C.E    | 90032260015      | 71-5939  |
| LO,R.H        | 9003070151       | 50-261           | P      | MACDONALD,C.E    | 90022260232      | 71-6717 | MACDONALD,C.E    | 90032260017      | 71-5939  |
| LO,R.H        | 9003190302       | 50-261           | P      | MACDONALD,C.E    | 90022260241      | 71-9033 | MACDONALD,C.E    | 90032260246      | 71-6717  |
| LO,R.H        | 9003260142       | 50-261           | P      | MACDONALD,C.E    | 90022260490      | 71-9079 | MACDONALD,C.E    | 90032260258      | 71-9033  |
| LOCBEL,R.M.   | 9002270133       | REVIEW GR P      |        | MACDONALD,C.E    | 90022260540      | 71-6272 | MACDONALD,C.E    | 90032260272      | 71-9238  |
| LOCBEL,R.M    | 9003130016       | REVIEW GR P      |        | MACDONALD,C.E    | 90022260547      | 71-5149 | MAC,M            | 90032260338*     | CONTRACT |
| LOCBEL,R.M    | 9003130020       | REVIEW GR P      |        | MACDONALD,C.E    | 90022260548      | 71-239  | MAC,M            | 9003140356*      | CONTRACT |
| LOCKARD,D.W   | 9002220727       | WASTE RES        |        | MACDONALD,C.E    | 90022260550*     | 71-239  | MAC,M.H          | 90022260183*     | CONTRACT |
| LOCKE,H.F     | 9003150333       | 50-133           | I      | MACDONALD,C.E    | 90022260570      | 71-9032 | MAC,M.H          | 90022260191*     | CONTRACT |
| LOEPE,R.S     | 9002270169       | 50-354           | R      | MACDONALD,C.E    | 9002270075       | 71-6745 | MAC,M.H          | 90022260201*     | CONTRACT |
| LOEPE,R.S     | 9003200164       | 50-354           | R      | MACDONALD,C.E    | 9002270127       | 71-9032 | MAC,M.H          | 90022260338*     | CONTRACT |
| LOFGREN,E     | 9003070261       | NUREG            |        | MACDONALD,C.E    | 9002270145       | 71-24   | MAC,M.H          | 90022260368*     | CONTRACT |
| LOFLIN,L.I    | 9002220480       | 50-324           | P      | MACDONALD,C.E    | 9002270148       | 71-9032 | MAC,M.H          | 9002270110*      | CONTRACT |
| LOFLIN,L.I    | 9002270032       | 50-324           | P      | MACDONALD,C.E    | 9002270204       | 71-9037 | MAC,M.H          | 9002270118*      | CONTRACT |
| LOFLIN,L.I    | 9002270076       | 50-400           | P      | MACDONALD,C.E    | 90022702050      | 71-9032 | MAC,M.H          | 9002270125*      | CONTRACT |
| LOFLIN,L.I    | 9003220246       | 50-261           | F      | MACDONALD,C.E    | 90022702059      | 71-532  | MAC,M.H          | 9002270137*      | CONTRACT |
| LOFLIN,L.I    | 9003250154       | 50-324           | P      | MACDONALD,C.E    | 90022702066      | 71-5754 | MAC,M.H          | 9002270146*      | CONTRACT |
| LOFLIN,L.I    | 9003050259       | 50-324           | P      | MACDONALD,C.E    | 90022702073      | 71-355  | MAC,M.H          | 9002270154*      | CONTRACT |
| LOFLIN,L.I    | 9003060009       | 50-324           | P      | MACDONALD,C.E    | 90022702074      | ORG     | MAC,M.H          | 9002270156*      | CONTRACT |
| LOFLIN,L.I    | 9003080420       | 50-324           | P      | MACDONALD,C.E    | 90022702074      | ORG     | MAC,M.H          | 9002270165*      | CONTRACT |
| LOFLIN,L.I    | 9003080435       | 50-324           | Q      | MACDONALD,C.E    | 90022702080*     | 71-355  | MAC,M.H          | 9002270172*      | CONTRACT |
| LOFLIN,L.I    | 9003080503       | 50-324           | P      | MACDONALD,C.E    | 90022702084      | 71-347  | MAC,M.H          | 9002270236*      | CONTRACT |
| LOFLIN,L.I    | 9003080518       | 50-324           | P      | MACDONALD,C.E    | 90022702087*     | 71-347  | MAC,M.H          | 9002270241*      | CONTRACT |
| LOFLIN,L.I    | 9003140280       | 50-261           | P      | MACDONALD,C.E    | 90022702090      | 71-155  | MAC,M.H          | 9002270259*      | CONTRACT |
| LOFLIN,L.I    | 9003180088       | 50-400           | Q      | MACDONALD,C.E    | 90022702092*     | 71-159  | MAC,M.H          | 9002270267*      | CONTRACT |
| LOFLIN,L.I    | 9003210355       | 50-324           | P      | MACDONALD,C.E    | 90022702160      | 71-185  | MAC,M.H          | 9002270270*      | CONTRACT |
| LOFLIN,L.I    | 9003220055       | 50-324           | P      | MACDONALD,C.E    | 90022702182*     | 71-185  | MAC,M.H          | 9002270312*      | CONTRACT |
| LOFY,R.A      | 9002260485*      | CONTRACT         |        | MACDONALD,C.E    | 9003050318       | 71-520  | MAC,M.H          | 9002270320*      | CONTRACT |
| LOFY,R.A      | 9003230198*      | CONTRACT         |        | MACDONALD,C.E    | 9003050321*      | 71-526  | MAC,M.H          | 9002270324*      | CONTRACT |
| LOGIE,M.B     | 9003210121       | PR               |        | MACDONALD,C.E    | 9003080055       | 71-6280 | MAC,M.H          | 9002270416*      | CONTRACT |
| LOGIE,M.B     | 9003210121       | PR               |        | MACDONALD,C.E    | 9003080056*      | 71-6280 | MAC,M.H          | 9002270424*      | CONTRACT |
| LOHAUS,P.H    | 9002260278       | 27-48            |        | MACDONALD,C.E    | 9003080059       | 71-4849 | MAC,M.H          | 9002270433*      | CONTRACT |
| LOHAUS,P.H    | 9002260380       | WASTE MGT        |        | MACDONALD,C.E    | 9003080153       | 71-9056 | MAC,M.H          | 9002270440*      | CONTRACT |
| LOHAUS,P.H    | 9002260489       | 27-48            |        | MACDONALD,C.E    | 9003080153*      | 71-9056 | MAC,M.H          | 9003010388*      | CONTRACT |
| LOHAUS,P.H    | 9003050314       | WASTE MGT        |        | MACDONALD,C.E    | 9003070050       | 70-1252 | MAC,M.H          | 9003010423*      | CONTRACT |
| LOHAUS,P.H    | 9003060102       | 27-47            |        | MACDONALD,C.E    | 90030700505      | 71-1092 | MAC,M.H          | 9003020295*      | CONTRACT |
| LOHAUS,P.H    | 9003060108       | 27-47            |        | MACDONALD,C.E    | 9003080164       | 71-05   | MAC,M.H          | 9003080098*      | CONTRACT |
| LOHAUS,P.H    | 9003140033       | 27-48            |        | MACDONALD,C.E    | 9003080171*      | 71-05   | MAC,M.H          | 9003160211*      | CONTRACT |
| LOHAUS,P.H    | 9003140110       | 27-48            |        | MACDONALD,C.E    | 9003080216       | 71-524  | MAC,M.H          | 9003230198*      | CONTRACT |
| LOHAUS,P.H    | 9003140160       | WASTE MGT        |        | MACDONALD,C.E    | 9003080221*      | 71-524  | MAC,M.H          | 9003090352*      | FOIA     |
| LOHAUS,P.H    | 9003150029       | WASTE MGT        |        | MACDONALD,C.E    | 9003080275       | 71-79   | MAC,M.H          | 9003090372*      | FOIA     |
| LOHAUS,P.H    | 9003150033*      | WASTE MGT        |        | MACDONALD,C.E    | 9003080278       | 71-685  | MAC,M.H          | 9003220131*      | 50-250   |
| LOHMEIER,A    | 9003140301*      | 50-29            | Q      | MACDONALD,C.E    | 9003080283*      | 71-695  | MAC,M.H          | 9003070190       | NUREG    |
| LOHMEIER,A    | 9003120311*      | 40-2061          |        | MACDONALD,C.E    | 9003080286*      | 71-78   | MAC,M.H          | 9003230115       | 50-254   |
| LOHMEIER,A    | 9003120327*      | 40-2061          |        | MACDONALD,C.E    | 9003080300       | 71-528  | MAC,M.H          | 9003090345*      | FOIA     |
| LOHMEIER,A    | 9003120337*      | 40-2061          |        | MACDONALD,C.E    | 9003080418       | 71-0160 | MAC,M.H          | 9003090355*      | FOIA     |
| LOHMEIER,A    | 9003120351*      | 40-2061          |        | MACDONALD,C.E    | 9003080432       | 71-6347 | MAC,M.H          | 9003230025*      | 50-263   |
| LOHMEIER,A    | 9003120473*      | 40-2061          |        | MACDONALD,C.E    | 9003080434       | 71-6897 | MAC,M.H          | 9003230026*      | 50-305   |
| LONG,R.L      | 9002260148       | 50-219           | P      | MACDONALD,C.E    | 9003080438       | 71-9135 | MAC,M.H          | 9002220515       | 50-353   |
| LONG,W.O      | 9002270052       | 50-263           | Q      | MACDONALD,C.E    | 90030900078      | 70-1252 | MAC,M.H          | 9003080042       | 50-352   |
| LONG,W.O      | 9003140308       | 50-263           | Q      | MACDONALD,C.E    | 9003130418       | 71-44   | MAC,M.H          | 9003220199       | 50-352   |
| LOPEZ,A.E     | 9003140273*      | 50-272           | Q      | MACDONALD,C.E    | 9003130531*      | 71-6273 | MAC,M.H          | 9003230094       | 50-362   |
| LORIO,J.J     | 9003010137       | 50-250           | G      | MACDONALD,C.E    | 9003130537*      | 71-6080 | MAC,M.H          | 9003226014       | 50-352   |
| LORION,J      | 9003190038       | 50-250           | G      | MACDONALD,C.E    | 9003130542*      | 71-9080 | MAESTAS,E        | 9003120743       | PROJ     |
| LORION,J      | 9003190059*      | 50-250           | G      | MACDONALD,C.E    | 9003140208       | 71-26   | MAESTAS,E        | 9003210264       | PROJ     |
| LOUGHEAD,V.P  | 9003190240       | WASTE MGT        |        | MACDONALD,C.E    | 9003140212*      | 71-26   | MAHONEY,M        | 9003010360       | PR       |
| LOVE,G.A      | 9002270911*      | 50-456           | Q      | MACDONALD,C.E    | 9003140217       | 71-693  | MAHONEY,S        | 9003010388       | PR       |
| LOVE,G.A      | 9003180137       | 50-317           | S      | MACDONALD,C.E    | 9003140220*      | 71-693  | MALARO,J.C       | 9003130027       | 40-3392  |
| LOVELACE,W.H  | 9003070140       | NUREG            |        | MACDONALD,C.E    | 9003140306       | 70-3341 | MALINOSKI,J.W    | 9002230115       | 71-85    |
| LOVELACE,W.H  | 9003130117       | NUREG            |        | MACDONALD,C.E    | 9003150319       | 71-9181 | MALLET,T.B       | 9003202144       | I&E      |
| LOW,L.D       | 9003210325*      | 40-3392          |        | MACDONALD,C.E    | 9003150084       | 71-4996 | MALLET,T.B       | 9003202183       | 40-3392  |
| LOW,S.R       | 9003070238       | NUREG            |        | MACDONALD,C.E    | 9003150091       | 71-9032 | MALLET,T.B       | 9003070076       | I&E      |
| LOWERY,H      | 9003200258       | 50-287           | S      | MACDONALD,C.E    | 9003180020       | 71-9222 | MALLET,T.B       | 9003210210       | I&E      |
| LOWERY,H.R    | 9002260140       | 50-269           | S      | MACDONALD,C.E    | 9003180127       | 70-1252 | MALLET,T.B       | 9003220046       | I&E      |
| LOWERY,H.R    | 9003010220       | 50-287           | S      | MACDONALD,C.E    | 9003180242       | 71-251  | MALLET,T.B       | 9003260417       | I&E      |
| LOWERY,H.R    | 9003070007       | 50-287           | S      | MACDONALD,C.E    | 9003190253       | 71-241  | MALLET,T.B.S     | 8907060022*      | FOIA     |
| LOWERY,H.R    | 9003200010       | 50-260           | S      | MACDONALD,C.E    | 9003190284       | 71-6801 | MALLET,T.B.S     | 9002270278       | 70-8     |
| LOYSEN,P      | 9003260538       | PROJ             |        | MACDONALD,C.E    | 9003190285       | 71-9157 | MALLET,T.B.S     | 9003160265       | 70-36    |
| LUENAU,J.O    | 9003100234*      | FOIA             |        | MACDONALD,C.E    | 9003190313       | 70-1252 | MALODY,C.W       | 9003090186       | 70-1257  |
| LYONS,F.D     | 9003120143*      | 40-2061          |        | MACDONALD,C.E    | 9003210093       | 71-6346 | MALODY,C.W       | 9003200384       | XPORTLIC |
| LYONS,F.D     | 9003120166*      | 40-2061          |        | MACDONALD,C.E    | 9003210095*      | 71-6346 | MALODY,C.W       | 9003210043       | PR       |
| LYONS,F.D     | 9003120198*      | 40-2061          |        | MACDONALD,C.E    | 9003210108       | 71-9001 | MALODY,C.W       | 9003220259*      | XPORTLIC |
| LYONS,F.D     | 9003120284*      | 40-2061          |        | MACDONALD,C.E    | 9003210168       | 71-9024 | MALONE,D.O       | 9003270377       | 50-275   |
| LYONS,F.D     | 9003120435*      | 40-2061          |        | MACDONALD,C.E    | 9003210169       | 71-6717 | MALSCH,M.G       | 9003190210*      | FOIA     |
| LYONS,J       | 9003140387       | 50-333           | S      | MACDONALD,C.E    | 9003210170       | 71-9006 | MANEY,C.E        | 9003220231*      | 40-2061  |
| LYONS,J.G     | 9003120440*      | 40-2061          |        | MACDONALD,C.E    | 9003210174       | 71-6785 | MANEY,P.M        | 9003190074*      | 40-2061  |
| LYONS,P.J     | 9003160178       | 40-289           |        | MACDONALD,C.E    | 9003210183       | 71-9019 | MANGER,M.G       | 9003070147       | 71-9027  |



| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|------------------|
| MANGER,M G      | 9003070149*      | 71-5027          | MATTHEWS,D.B.   | 9003140336*      | 50-424           | MCDONALD,D.G.   | 9003165413       | 50-317           |
| MANI,L.R.B.     | 9003080263*      | PR               | MATTHEWS,D.B.   | 9003140373       | 50-289           | MCDONALD,D.G.   | 9003203277       | 50-317           |
| MANKO,R.J.      | 9003210370       | 50-334           | MATTHEWS,D.B.   | 9003210204*      | 50-369           | MCDONALD,D.G.   | 9003200284       | 50-317           |
| MANN,M M        | 9003090461*      | FOIA             | MATTHEWS,D.B.   | 9003260338*      | 50-369           | MCDONALD,J.O.   | 9003130422*      | 40-3392          |
| MARCH-LEUBA,J   | 9003070237       | NUREG            | MATTHEWS,D.B.   | 9003260108*      | 50-413           | MCDOW,J.        | 9003050083       | 50-250           |
| MARCIL,J.W.     | 9003160144       | 50-285           | MATTHEWS,M.L.   | 9002010156       | WASTE MGT        | MCDOW,J.        | 9003160001       | 40-2081          |
| MARCUS,B.S.     | 9003260444*      | 50-354           | MATTHEWS,M.L.   | 9002060064       | WASTE MGT        | MCDOW,J.        | 9003190081       | 40-2081          |
| MARGUILES,M.B.  | 9003220244       | 50-603           | MATTHEWS,M.L.   | 9002070470       | WASTE MGT        | MCDOW,J.        | 9003220229       | 40-2081          |
| MARINES,E.C.    | 9003130536*      | 50-260           | MATTHEWS,M.L.   | 9002090095       | WASTE MGT        | MCDOW,J.        | 9003220241       | 70-25            |
| MARSH,L.B.      | 9003130161       | ORG              | MATTHEWS,M.L.   | 9002130160       | WASTE MGT        | MCDOW,J.        | 9003220242       | 70-25            |
| MARSH,L.B.      | 9003210206       | TOPREP           | MATTHEWS,M.L.   | 9002130163       | WASTE MGT        | MCDOW,J.        | 9003230152       | 70-25            |
| MARSH,R.G.      | 9003190220*      | 50-322           | MATTHEWS,M.L.   | 9002150185       | WASTE MGT        | MCCLHINNEY,T.F. | 9003090404*      | 50-250           |
| MARSH,R.G.      | 9003190233*      | FOIA             | MATTHEWS,M.L.   | 9002150191       | WASTE MGT        | MCCLATH,J.W.    | 9003200113       | 50-255           |
| MARSHALL,A.C.   | 9003120772       | NUREG            | MATTHEWS,M.L.   | 9002270246       | WASTE MGT        | MCGAHA,J.H.     | 9003050183       | 50-382           |
| MARSHALL,F.M.   | 9002270006       | 50-423           | MATTHEWS,M.L.   | 9002270249       | WASTE MGT        | MCGAHA,J.R.     | 9003060066       | 50-382           |
| MARSHALL,N.H.   | 9003120744       | NUREG            | MATTHEWS,M.L.   | 9003010260       | WASTE MGT        | MCGAUGHY,R.W.   | 9002270059       | 50-331           |
| MARSHALL,S.W.   | 9003080394       | 27-48            | MATTHEWS,M.L.   | 9003050013       | WASTE MGT        | MCGOVERN,J.J.   | 9003050050*      | 50-54            |
| MARSHALL,W.     | 9003150476       | 50-302           | MATTHEWS,M.L.   | 9003060077       | WASTE MGT        | MCGOVERN,J.J.   | 9003140255       | 70-687           |
| MARSHALL,W.     | 9003160016       | 50-302           | MATTHEWS,M.L.   | 9003090147       | WASTE MGT        | MCGOVERN,J.J.   | 9003190380       | 60-54            |
| MARSHALL,W.     | 9003160054       | 50-302           | MATTHEWS,M.L.   | 9003120810       | WASTE MGT        | MCGHATH,J.E.    | 9003080065       | 70-1308          |
| MARSTON,R.R.    | 9003050002*      | 50-327           | MATTHEWS,M.L.   | 9003140319       | WASTE MGT        | MCGUIRE,D.R.    | 9001120013*      | 60-348           |
| MARSTON,R.R.    | 9003050048*      | 50-259           | MATTHEWS,M.L.   | 9003150400       | WASTE MGT        | MCGUIRE,D.R.    | 9003130422       | 70-1252          |
| MARSTON,R.R.    | 9003210204*      | 50-395           | MATTHEWS,M.L.   | 9003150432       | WASTE MGT        | MCGUIRE,D.R.    | 9003280069*      | 50-327           |
| MARTIN,D.E.     | 9003060158       | 50-18            | MATTHEWS,M.L.   | 9003210283       | WASTE MGT        | MCGUIRE,D.R.    | 9003200475*      | 50-348           |
| MARTIN,J.B.     | 9002220606       | 50-275           | MATTHEWS,M.L.   | 9003260067       | WASTE MGT        | MCGURK,J.S.     | 9003150231       | STATE PROJ       |
| MARTIN,J.B.     | 9002220619*      | 50-275           | MAUCK,J.L.      | 9003230051*      | 50-443           | MCKENNA,E.M.    | 9002270170       | TOPREP           |
| MARTIN,J.B.     | 9003160021       | 50-205           | MAUCK,J.L.      | 9003230051*      | 50-443           | MCKIBBEN,J.C.   | 9003020146       | 50-186           |
| MARTIN,J.B.     | 9003160156       | 50-528           | MAVROULES,N.    | 9003050027*      | 50-443           | MCNEIL,K.A.     | 9003190289       | NUREG            |
| MARTIN,J.B.     | 9003160159*      | 50-528           | MAXWELL,G.F.    | 9003210092*      | 50-348           | MCNISH,T.A.     | 9003300147       | 50-155           |
| MARTIN,J.R.     | 9003240042*      | FOIA             | MCALLISTER,S.A. | 9003090140       | 50-333           | MCQUEEN,A.D.    | 9003190043*      | 50-326           |
| MARTIN,L.E.     | 9002270367*      | 50-259           | MCALPINE,E.J.   | 9002260326*      | 50-160           | MEARSE,S.       | 9003090162       | CONTRACT         |
| MARTIN,R.D.     | 8710220128*      | FOIA             | MCALPINE,E.J.   | 9003050090*      | 70-1113          | MEARSE,S.D.     | 9003130422       | CONTRACT         |
| MARTIN,R.D.     | 9002270153       | 50-313           | MCALPINE,E.J.   | 9003050132*      | 70-143           | MECREDY,R.C.    | 9002260451       | 50-244           |
| MARTIN,R.D.     | 9003150426       | 50-492           | MCALPINE,E.J.   | 9003130491*      | 70-143           | MECREDY,R.C.    | 9002260486       | 50-244           |
| MARTIN,R.D.     | 9003190062       | 50-459           | MCALPINE,E.J.   | 9003210126*      | 70-27            | MECREDY,R.C.    | 9002260529       | 50-244           |
| MARTIN,R.D.     | 9003260006       | 50-382           | MCBREARTY,R.A.  | 9003140301*      | 50-29            | MECREDY,R.C.    | 9002270208       | 50-244           |
| MARTIN,R.D.     | 9003260074       | 50-456           | MCBREARTY,R.A.  | 9003050289*      | 50-289           | MECREDY,R.C.    | 9002270452*      | 50-244           |
| MARTIN,R.D.     | 9003230229       | 50-458           | MCBURNETT,M.A.  | 9002220539       | 50-498           | MECREDY,R.C.    | 9003020138       | 50-244           |
| MARTIN,R.E.     | 9002260023       | 50-220           | MCBURNETT,M.A.  | 9003080043       | 50-498           | MECREDY,R.C.    | 9003080324       | 50-244           |
| MARTIN,R.E.     | 9002260230       | 50-220           | MCBURNETT,M.A.  | 9003080347       | 50-498           | MECREDY,R.C.    | 9003120298       | 50-244           |
| MARTIN,R.E.     | 9003220203       | 50-410           | MCBURNETT,M.A.  | 9003120075       | 50-498           | MECREDY,R.C.    | 9003130587       | 50-244           |
| MARTIN,R.E.     | 9003220315       | 50-317           | MCBURNETT,M.A.  | 9003210010       | 50-498           | MECREDY,R.C.    | 9003130570       | 50-244           |
| MARTIN,R.E.     | 9003230214       | 50-220           | MCBURNETT,M.A.  | 9003200331       | 50-498           | MECREDY,R.C.    | 9003220184       | 50-244           |
| MARTIN,R.E.     | 9003260415       | 50-220           | MCBURNETT,M.A.  | 9003200440       | 50-498           | MECREDY,R.C.    | 9003200710       | 50-214           |
| MARTIN,T.T.     | 9002240212*      | FOIA             | MCBURNETT,M.A.  | 9003220020       | 50-498           | MECREDY,R.C.    | 9003270136       | 50-244           |
| MARTIN,T.T.     | 8610010379*      | FOIA             | MCBURNETT,M.A.  | 9003220281       | 50-498           | MECREDY,R.C.    | 9003270203       | 50-244           |
| MARTIN,T.T.     | 8610230164*      | FOIA             | MCBURNETT,M.A.  | 9003220287       | 50-498           | MECREDY,R.C.    | 9003130363       | 50-327           |
| MARTIN,T.T.     | 8611030372*      | FOIA             | MCCABE,E.C.     | 9002270371*      | 50-443           | MEDFORD,M.O.    | 9002130127       | 50-250           |
| MARTIN,T.T.     | 8611040087*      | FOIA             | MCCABE,E.C.     | 9003010184       | 50-309           | MEDFORD,M.O.    | 9002220647       | 50-300           |
| MARTIN,T.T.     | 8611210200*      | FOIA             | MCCABE,E.C.     | 9003020186       | 50-309           | MEDFORD,M.O.    | 9002260526       | 50-259           |
| MARTIN,T.T.     | 8611260145*      | FOIA             | MCCABE,E.C.     | 9003050083*      | 50-244           | MEDFORD,M.O.    | 9003090341       | 50-327           |
| MARTIN,T.T.     | 8701060470*      | FOIA             | MCCABE,E.C.     | 9003050133*      | 50-309           | MEDFORD,M.O.    | 9003090306       | 50-327           |
| MARTIN,T.T.     | 8701090440*      | FOIA             | MCCABE,E.C.     | 9003160304*      | 50-244           | MEDFORD,M.O.    | 9003120703       | 50-327           |
| MARTIN,T.T.     | 8701090614*      | FOIA             | MCCAFFREY,R.W.  | 9003090098*      | CONTRACT         | MEDFORD,M.O.    | 9003130405       | 50-250           |
| MARTIN,T.T.     | 8703050105*      | FOIA             | MCCANCE,W.T.    | 9003260102       | 50-213           | MEDFORD,M.O.    | 9003160260       | 50-327           |
| MARTIN,T.T.     | 8703300505*      | FOIA             | MCCANN,G.       | 9003220046       | I&E              | MEDFORD,M.O.    | 9003230131       | 60-260           |
| MARTIN,T.T.     | 8706080328*      | FOIA             | MCCANN,G.M.     | 9003210073*      | FOIA             | MEDFORD,M.O.    | 9003230147       | 50-259           |
| MARTIN,T.T.     | 8706120279*      | FOIA             | MCCANN,R.J.     | 9003210210       | I&E              | MEDFORD,M.O.    | 9003230156       | 50-259           |
| MARTIN,T.T.     | 8710290057*      | FOIA             | MCCANN,R.J.     | 9003200156       | 50-483           | MEDFORD,M.O.    | 9003260117       | 50-259           |
| MARTIN,ZI       | 9002260049*      | 50-327           | MCCOMAS,M.L.    | 9003180269       | NUREG            | MEDINA,V.       | 9003160278*      | CONTRACT         |
| MARWILE,S.      | 9003120744       | NUREG            | MCCONAGHY,W.J.  | 9002280267       | 50-289           | MEDLOCK,R.L.    | 9003210349       | 40-8452          |
| MASCIANTONIO,A. | 9002260227       | 50-280           | MCCONAGHY,W.J.  | 9003021098       | PROJ             | MEEHAN,B.       | 9002260365       | CONTRACT         |
| MASCIANTONIO,A. | 9003130449       | 50-155           | MCCONAGHY,W.J.  | 9003200200       | PROJ             | MEEHAN,B.       | 9002260488       | CONTRACT         |
| MASCIANTONIO,A. | 9003140311       | 50-155           | MCCONNELL,J.W.  | 9002270029       | 50-423           | MEEHAN,B.       | 9002270105       | CONTRACT         |
| MASCIANTONIO,A. | 9003160149       | 50-155           | MCCONNELL,J.W.  | 9003120784       | NUREG            | MEEHAN,B.       | 9003010062       | CONTRACT         |
| MASCIANTONIO,A. | 9003200030       | 50-155           | MCCONNELL,T.L.  | 9003080015       | 50-369           | MEEHAN,B.       | 9003090087       | CONTRACT         |
| MASCIANTONIO,A. | 9003210155       | 50-155           | MCCONNELL,T.L.  | 9003080366       | 50-370           | MEEHAN,B.       | 9003090144       | CONTRACT         |
| MASNIK,M.T.     | 9002260274       | 50-320           | MCCONNELL,T.L.  | 9003090332*      | 50-369           | MEIWES,K.       | 9003010428       | PR               |
| MASNIK,M.T.     | 9003010107       | 50-320           | MCCONNELL,T.L.  | 9003090348*      | 50-369           | MENCZER,W.B.    | 8211220345*      | 40-2081          |
| MASNIK,M.T.     | 9003150191       | 50-320           | MCCONNELL,T.L.  | 9003090351*      | 50-369           | MENCZER,W.B.    | 8211220483*      | 40-2081          |
| MASON,C.        | 9003010301       | PR               | MCCONNELL,T.L.  | 9003140010       | 50-369           | MENDEZ,R.       | 9003140288*      | 50-315           |
| MASON,J.R.      | 9003090457*      | FOIA             | MCCONNELL,T.L.  | 9003140111*      | 50-369           | MENDEZ,A.J.     | 9003160138       | TOPREP           |
| MASON,R.E.      | 9003190269       | NUREG            | MCCONNELL,T.L.  | 9003260559       | 50-369           | MENDONCA,M.M.   | 9003230097*      | 50-344           |
| MASSEY,J.V.     | 9002280118       | PROJ             | MCCORMICK,M.J.  | 9002220515       | 50-383           | MENDONCA,M.M.   | 9003260175*      | 50-275           |
| MASSEY,J.V.     | 9002280131*      | PROJ             | MCCORMICK,M.J.  | 9002280144       | 50-352           | MENG,R.         | 9002230137       | 60-285           |
| MASSEY,J.V.     | 9003270429       | PROJ             | MCCORMICK,M.J.  | 9003080042       | 50-352           | MENNING,J.E.    | 9003220008*      | 50-321           |
| MATTHEW,R.K.    | 9003140004*      | 50-387           | MCCORMICK,M.J.  | 9003080309*      | 50-352           | MERMIGOS,J.F.   | 9003140243*      | 60-327           |
| MATTHEWS,G.D.   | 9003200411       | 50-263           | MCCORMICK,M.J.  | 9003090318       | 50-353           | MERRIWATHER,N.  | 9003200412*      | 50-324           |
| MATTHIS,J.L.    | 9003210094*      | 50-418           | MCCORMICK,M.J.  | 9003220189       | 50-352           | MERSSID,A.      | 9003010400       | PR               |
| MATTHEW,R.      | 9003160098*      | 50-286           | MCCORMICK,M.J.  | 9003230084       | 50-352           | MESERVE,R.A.    | 9003160183       | 40-2081          |
| MATTHEWS,D.B.   | 9002220527*      | 50-389           | MCCORMICK,M.J.  | 9003260141       | 50-352           | MESERVE,R.A.    | 9003160183       | 40-2081          |
| MATTHEWS,D.B.   | 9002230654*      | 50-424           | MCCOY,C.K.      | 9003200143       | 50-424           | MESERVE,R.A.    | 9003220136       | 40-2081          |
| MATTHEWS,D.B.   | 9002260250       | 50-289           | MCDONALD,D.G.   | 9002230310       | 50-317           | MESERVE,R.A.    | 9003220136       | 40-2081          |
| MATTHEWS,D.B.   | 9002280289*      | 50-369           | MCDONALD,D.G.   | 9003060080       | 60-317           | MESERVE,R.A.    | 9003230081       | 40-2081          |
| MATTHEWS,D.B.   | 9002260367*      | 50-413           | MCDONALD,D.G.   | 9003140162       | 50-317           | MESERVE,R.A.    | 9003230081       | 40-2081          |
| MATTHEWS,D.B.   | 9003070209*      | 50-424           | MCDONALD,D.G.   | 9003140260       | 50-317           | MEYER,B.        | 9003120687*      | 40-2081          |
| MATTHEWS,D.B.   | 9003090463*      | 50-424           | MCDONALD,D.G.   | 9003150440       | 50-317           | MEYER,G.        | 9003210363       | 60-333           |
| MATTHEWS,D.B.   | 9003140320       | 50-289           | MCDONALD,D.G.   | 9003160405       | 50-317           | MEYER,G.W.      | 9002260507*      | 50-333           |



| AUTHOR        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |   | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |   | AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---------------|---------------------|---------------------|---|-----------------|---------------------|---------------------|---|----------------|---------------------|---------------------|
| MEYER,G.W     | 90032270351*        | 50-286              | O | MILLER,V.L      | 9003180272*         | FOIA                |   | MORGAN,R.E     | 9003020060          | 50-261              |
| MEYER,G.W     | 9003160222          | 50-286              | O | MILLER,V.L      | 9003180274*         | FOIA                |   | MORGAN,R.E     | 9003060101          | 50-261              |
| MEYER,G.W     | 9003160253          | 60-220              | O | MILLER,V.L      | 9003210098*         | FOIA                |   | MORGAN,R.E     | 9003070107          | 50-261              |
| MEYER,G.W     | 9003160284          | 50-220              | O | MILLER,V.L      | 9003210105*         | FOIA                |   | MORGAN,R.E     | 9003070154*         | 50-261              |
| MEYER,G.W.    | 9003160296*         | 50-220              | O | MILLER,V.L      | 9003210110*         | FOIA                |   | MORGAN,R.E     | 9003080209          | 50-261              |
| MEYER,G.W.    | 9003260557*         | 50-220              | Q | MILLER,V.L      | 9003210116*         | FOIA                |   | MORGAN,R.E     | 9003200026          | 50-261              |
| MEYER,T.A     | 9003150384*         | 50-412              | P | MILLER,V.L      | 9003210132*         | FOIA                |   | MORGAN,R.E     | 9003200230          | 50-206              |
| MEYER,W.A     | 9003020146          | 50-186              | P | MILLER,W.H      | 9003210082*         | 50-348              | Q | MORGAN,R.E     | 9003220035          | 50-261              |
| MEYER,W.A     | 9003270039          | 50-186              | F | MILLET,H.F      | 9003070217          | QA999               |   | MORGAN,W.E     | 9003090074          | 50-373              |
| MICHAELS,T.S  | 9002220613          | 50-112              | P | MILLET,H.F.     | 9003080388          | QA999               |   | MORGAN,W.E     | 9003150003          | 50-373              |
| MICHAELS,T.S  | 9002260381          | 50-184              | F | MILTENBERGER,S  | 9002270457          | 50-354              | Q | MORGAN,W.E     | 9003210128          | PR                  |
| MICHAELS,T.S  | 9002260455          | 50-83               | F | MILTENBERGER,S  | 9003060144          | 50-354              | P | MORGAN,W.E     | 9003230087          | 50-373              |
| MICHAELS,T.S  | 9002260528          | 50-2                | V | MILTENBERGER,S  | 9003080325          | 50-272              | Q | MORGENSTERN,H. | 9003220234          | 50-461              |
| MICHAELS,T.S  | 9003080410          | 50-288              | V | MILTENBERGER,S  | 9003080467          | 50-272              | H | MORRILL,V.     | 9003150169          | 40-8698             |
| MICHAELS,T.S. | 9003130769          | 50-54               | F | MILTENBERGER,S  | 9003080507          | 50-272              | J | MORRIS,B.M     | 9003190218*         | FOIA                |
| MICHAELS,T.S  | 9003180267          | 50-189              | P | MILTENBERGER,S  | 9003090106          | 50-354              | R | MORRIS,B.M     | 9003260061*         | PR                  |
| MICHAUD,P.W   | 90031010496         | 40-4492             |   | MILTENBERGER,S  | 9003090179          | 50-272              | H | MORRIS,D       | 9003020202          | 50-10               |
| MICHAUD,P.W.  | 9003160365          | 40-2259             |   | MILTENBERGER,S  | 9003090358          | 50-272              | R | MORRISON,T.    | 9003010338          | PR                  |
| MICHAUD,P.W.  | 9003180110          | 40-2259             |   | MILTENBERGER,S  | 9003220163          | 50-311              | P | MOSER,S.W      | 9003200157*         | 50-269              |
| MICHELSON,C   | 8912290081          | ACRS                |   | MILTENBERGER,S. | 9003260512          | 50-354              | Q | MOU-SHIU       | 9003160247          | XPORTLIC            |
| MICHELSON,C   | 9003110263          | ACRS                |   | MINARICK,J.W    | 9003070184          | NUREG               |   | MOUL,D.A       | 9003140193          | 50-334              |
| MICHELSON,C   | 9002230519          | 50-247              | O | MINARICK,J.W.   | 9003070234          | NUREG               |   | MOXLEY,M       | 9002260263          | 40-8926             |
| MICHELSON,C   | 9002270194          | ACRS                |   | MINECK,D.L      | 9002270862          | 50-331              | P | MOXLEY,M.      | 9003010504          | 40-4492             |
| MICHELSON,C   | 9002280043          | ACRS                |   | MINECK,D.L      | 9003080048          | 50-331              | F | MOYER,J        | 9002260273*         | 50-324              |
| MICHELSON,C   | 9002280146          | ACRS                |   | MINECK,D.L      | 9003080316          | 50-331              | P | MOYER,J        | 9002260275*         | 50-324              |
| MICHELSON,C   | 9003230022          | ACRS                |   | MINECK,D.L      | 9003080373          | 50-331              | P | MOYER,J        | 9003260268          | 50-324              |
| MIELE,M.L     | 9003070103          | 71-9216             |   | MINECK,D.L      | 9003090302          | 50-331              | P | MROCKZKA,E.J.  | 9002270526          | 50-336              |
| MIELE,M.L     | 9003140261          | 50-3                | R | MINECK,D.L      | 9003130063          | 50-331              | R | MROCKZKA,E.J.  | 9002260526          | 50-336              |
| MILEY,G.H     | 9003090268          | 50-151              | R | MINECK,D.L      | 9003140030          | 50-331              | P | MROCKZKA,E.J.  | 9002220657          | 50-423              |
| MILLAR,D      | 9003360308          | 50-368              | S | MINECK,D.L      | 9003270333          | 50-331              | P | MROCKZKA,E.J.  | 9002220657          | 50-423              |
| MILLAR,D      | 9003070125          | 50-368              | S | MINOR,G.C.      | 9003050068*         | 50-443              | G | MROCKZKA,E.J.  | 9002260222          | 50-213              |
| MILLAR,D      | 9003070330          | 50-368              | S | MIRAGLIA,F.J    | 9002080254*         | 50-245              | P | MROCKZKA,E.J.  | 9002260222          | 50-213              |
| MILLAR,D      | 9003160178          | 50-313              | S | MIRAGLIA,F.J.   | 9002140016*         | 50-445              | Q | MROCKZKA,E.J.  | 9002260223          | 50-213              |
| MILLAR,D      | 9003200240          | 50-368              | S | MIRAGLIA,F.J.   | 9003050282*         | 50-445              | Q | MROCKZKA,E.J.  | 9002260223          | 50-213              |
| MILLAR,D.     | 9003230118          | 50-368              | S | MIRAGLIA,F.J    | 9003050289*         | 50-445              | Q | MROCKZKA,E.J.  | 9002260566          | 50-213              |
| MILLAR,P.A    | 9003020220          | 71-308              |   | MIRAGLIA,F.J    | 9003130733*         | 50-219              | P | MROCKZKA,E.J.  | 9002260566          | 50-213              |
| MILLER,C.L    | 9003130352          | PROJ                |   | MITCHELL,H.C.   | 9003020238          | 50-605              | A | MROCKZKA,E.J.  | 9002290566          | 50-213              |
| MILLER,C.L    | 9003140324          | PROJ                |   | MYNAREK,M.G     | 9003200112          | 60-265              | R | MROCKZKA,E.J.  | 9003050236          | 50-423              |
| MILLER,D.B    | 9002260324          | 60-213              | S | MOELLER,D.W     | 9003270009          | ADVCM               |   | MROCKZKA,E.J.  | 9003050236          | 50-423              |
| MILLER,D.B.   | 9002260374          | 50-213              | R | MOELLER,D.W     | 9003270013          | ADVCM               |   | MROCKZKA,E.J   | 9003060029          | 50-423              |
| MILLER,D.B    | 9003090255          | 50-213              | S | MOELLER,D.W.    | 9003270016          | ADVCM               |   | MROCKZKA,E.J.  | 9003060028          | 50-423              |
| MILLER,D.B    | 9003200150          | 60-213              | R | MOELLER,D.W     | 9003300121*         | ADVCM               | P | MROCKZKA,E.J.  | 9003060120          | 50-213              |
| MILLER,D.B    | 9003210312          | 50-213              | V | MOEN,S.C        | 9003080425*         | 50-324              | S | MROCKZKA,E.J.  | 9003060120          | 50-213              |
| MILLER,D.B    | 9003220167          | 50-213              | S | MOFFATT,L.W.    | 9003010465          | 50-302              | S | MROCKZKA,E.J.  | 9003050288          | 50-245              |
| MILLER,D.E.   | 9002280256*         | 50-155              | Q | MOFFATT,L.W.    | 9003260333          | 50-302              | S | MROCKZKA,E.J   | 9003060288          | 50-245              |
| MILLER,F.L    | 9002260228          | 40-7455             |   | MOLKEIR,A.J.    | 9003260130          | 50-10               | F | MROCKZKA,E.J.  | 9003060285          | 50-245              |
| MILLER,F.L    | 9003230209          | 40-7463             |   | MOLZER,D.J.     | 9003150470          | 50-285              | F | MROCKZKA,E.J.  | 9003060285          | 50-245              |
| MILLER,G      | 9003020158          | 71-8135             |   | MONSON,B.R      | 9003150300          | STATE PROJ          | G | MROCKZKA,E.J.  | 9003060301          | 50-213              |
| MILLER,H.J.   | 9002260434          | ORG                 |   | MONTGOMERY,G.H. | 9003020081          | 50-220              | S | MROCKZKA,E.J.  | 9003060301          | 50-213              |
| MILLER,H.J.   | 9002270023          | 50-282              | Q | MONTQYA,E.J.    | 9002230091          | STATE PROJ          | S | MROCKZKA,E.J.  | 9003060301          | 50-213              |
| MILLER,H.J.   | 9002270036*         | 50-282              | O | MOONEY,J.       | 9003020257          | 71-24               |   | MROCKZKA,E.J.  | 9003080153          | 50-423              |
| MILLER,H.J.   | 9002270038*         | 50-282              | O | MOONEY,J.L      | 9003220264          | 71-24               |   | MROCKZKA,E.J.  | 9003080153          | 50-423              |
| MILLER,H.J.   | 9003120119          | 60-237              | Q | MOORE,B.L       | 9003200282          | 50-348              | P | MROCKZKA,E.J.  | 9003080452          | 50-213              |
| MILLER,H.J.   | 9003120124*         | 50-237              | O | MOORE,J.E       | 9003160071          | 50-250              | G | MROCKZKA,E.J.  | 9003080452          | 50-213              |
| MILLER,H.J.   | 9003140205          | 50-316              | Q | MOORE,J.E.      | 9003230160          | 50-250              | G | MROCKZKA,E.J.  | 9003080471          | 50-213              |
| MILLER,H.J.   | 9003140287*         | 60-315              | O | MOORE,M.        | 9002270218          | 50-170              | S | MROCKZKA,E.J.  | 9003080471          | 50-213              |
| MILLER,H.J.   | 9003200161          | 60-255              | O | MOORE,M.        | 9003060207*         | 50-170              | S | MROCKZKA,E.J.  | 9003080471          | 50-213              |
| MILLER,H.J.   | 9003200164*         | 50-255              | P | MOORE,M.        | 9003060212*         | 50-170              | S | MROCKZKA,E.J.  | 9003090030          | 50-213              |
| MILLER,H.J.   | 9003220064          | 60-285              | Q | MOORE,R.        | 9003050170*         | 50-268              | Q | MROCKZKA,E.J.  | 9003090030          | 50-213              |
| MILLER,H.J.   | 9003220066          | 60-483              | Q | MOORE,R.        | 9003210054*         | 50-335              | Q | MROCKZKA,E.J.  | 9003130668          | 50-423              |
| MILLER,H.J.   | 9003220272          | 50-346              | P | MOORMAN,J.H.    | 9002260119*         | 50-348              | V | MROCKZKA,E.J.  | 9003130668          | 50-423              |
| MILLER,J.     | 8701080558*         | FOIA                |   | MOREHOUSE,H.G.  | 9003150042*         | CONTRACT            |   | MROCKZKA,E.J.  | 9003140364          | 50-423              |
| MILLER,J.     | 8706110188*         | FOIA                |   | MOREY,D.N.      | 9002260165*         | 50-348              | V | MROCKZKA,E.J.  | 9003140364          | 50-423              |
| MILLER,J.     | 9003010413          | PR                  |   | MOREY,D.N.      | 9002260518          | 60-384              | R | MROCKZKA,E.J.  | 9003150272          | 50-245              |
| MILLER,J.D    | 9003070222          | 50-327              | P | MOREY,D.N.      | 9002270138          | 60-348              | R | MROCKZKA,E.J.  | 9003150272          | 50-245              |
| MILLER,J.J.   | 8611210210*         | FOIA                |   | MOREY,D.N.      | 9003200122          | 50-348              | R | MROCKZKA,E.J.  | 9003160066          | 50-213              |
| MILLER,J.J.   | 8703050134*         | FOIA                |   | MOREY,D.N.      | 9003200126          | 50-348              | R | MROCKZKA,E.J.  | 9003160066          | 50-213              |
| MILLER,J.J.   | 8710290065*         | FOIA                |   | MOREY,D.N.      | 9003210009          | 50-348              | S | MROCKZKA,E.J.  | 9003180233          | 50-245              |
| MILLER,J.J.   | 8805050224*         | FOIA                |   | MORGAN,H.E.     | 9002260480          | 50-361              | V | MROCKZKA,E.J.  | 9003180233          | 50-245              |
| MILLER,J.R.   | 9003130108*         | 40-3392             |   | MORGAN,H.E.     | 9003010408          | 50-206              | S | MROCKZKA,E.J.  | 9003200417          | 50-245              |
| MILLER,L.F.   | 9003280328*         | 60-275              | V | MORGAN,H.E.     | 9003010483          | 50-206              | F | MROCKZKA,E.J.  | 9003200417          | 50-245              |
| MILLER,L.K.   | 9002230329          | 60-311              | R | MORGAN,H.E.     | 9003050007          | 50-206              | P | MROCKZKA,E.J.  | 9003210019          | 50-423              |
| MILLER,L.K.   | 9003020128          | 60-311              | S | MORGAN,H.E.     | 9003060273          | 60-206              | S | MROCKZKA,E.J.  | 9003210019          | 50-423              |
| MILLER,L.K.   | 9003050298          | 50-272              | S | MORGAN,H.E.     | 9003070033          | 60-382              | S | MROCKZKA,E.J.  | 9003210281          | 50-213              |
| MILLER,L.K.   | 9003160055          | 60-272              | S | MORGAN,H.E.     | 9003080158          | 50-206              | R | MROCKZKA,E.J.  | 9003210281          | 50-213              |
| MILLER,L.K.   | 9003200173          | 50-311              | R | MORGAN,H.E.     | 9003080353          | 50-206              | R | MROCKZKA,E.J.  | 9003220026          | 50-213              |
| MILLER,L.K.   | 9003200179          | 50-272              | R | MORGAN,H.E.     | 9003120444          | 50-206              | S | MROCKZKA,E.J.  | 9003220026          | 50-213              |
| MILLER,L.K.   | 9003230031          | 60-272              | S | MORGAN,H.E.     | 9003140369          | 50-206              | S | MROCKZKA,E.J.  | 9003220215          | 50-423              |
| MILLER,L.K.   | 9003230049          | 60-311              | S | MORGAN,H.E.     | 9003160034          | 50-281              | S | MROCKZKA,E.J.  | 9003220215          | 50-423              |
| MILLER,L.L    | 9003190269          | NUREG               |   | MORGAN,H.E.     | 9003160188          | 50-361              | S | MROCKZKA,E.J.  | 9003220310          | 50-213              |
| MILLER,V.L    | 9003050311*         | WASTE MGT           |   | MORGAN,H.E.     | 9003230062          | 50-261              | S | MROCKZKA,E.J.  | 9003220310          | 50-213              |
| MILLER,V.L    | 9003180212*         | FOIA                |   | MORGAN,H.E.     | 9003260229          | 50-361              | S | MROCKZKA,E.J.  | 9003220310          | 50-213              |
| MILLER,V.L    | 9003180231*         | FOIA                |   | MORGAN,L.       | 9003010344          | PR                  |   | MROCKZKA,E.J.  | 9003230109          | 50-245              |
| MILLER,V.L    | 9003180249*         | FOIA                |   | MORGAN,M.A.     | 9003180268          | NUREG               |   | MROCKZKA,E.J.  | 9003230109          | 50-245              |
| MILLER,V.L    | 9003190257*         | FOIA                |   | MORGAN,M.J.     | 9003050162*         | 50-261              | V | MUDLIN,J.D.    | 9002270100*         | 50-443              |
| MILLER,V.L    | 9003180262*         | FOIA                |   | MORGAN,R.E      | 9003080134          | 50-261              | R | MUDLIN,J.D.    | 9003130188*         | 50-488              |
| MILLER,V.L    | 9003180264*         | FOIA                |   | MORGAN,R.E      | 9002270237          | 50-261              | R | MULLER,M.      | 9003200149          | 50-312              |
| MILLER,V.L    | 9003190268*         | FOIA                |   | MORGAN,R.E      | 9003010470          | 50-261              | F | MULDER,R.U.    | 9003080361          | 50-62               |

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|----------------|---------------------|---------------------|---|-----------------|---------------------|---------------------|---|-----------------|---------------------|---------------------|---|
| MULDER,R.U.    | 9003130420          | 50-396              | P | NEIGHBORS,J.D.  | 9003140252          | 50-286              | P | OBERG,C.T.      | 9003120206*         | 40-2061             |   |
| MULLIN,J.R.    | 9003130684          | 50-317              | Q | NEIGHBORS,J.D.  | 9003230037          | 50-286              | Q | OBERG,C.T.      | 9003120215*         | 40-2061             |   |
| MUNDAY,R.      | 9003190115          | FOIA                | V | NELSON,D.J.     | 9002260329*         | 50-324              | Q | OBERG,C.T.      | 9003120311*         | 40-2061             |   |
| MUNRO,J.F.     | 9002260119*         | 50-348              | V | NELSON,G.B.     | 9002260088*         | 50-73               | Q | OBERG,C.T.      | 9003120446*         | 40-2061             |   |
| MUNRO,J.F.     | 9003050152*         | 50-261              | V | NELSON,G.W.     | 9003090013          | 50-113              | F | OBERG,C.T.      | 9003120487*         | 40-2061             |   |
| MUNRO,J.F.     | 9003050239*         | 50-324              | Q | NELSON,G.W.     | 9003140275          | 50-113              | F | OBERG,C.T.      | 9003120524*         | 40-2061             |   |
| MUNRO,J.F.     | 9003090284*         | 50-305              | V | NELSON,J.H.     | 9003120710          | WASTE MGT           | F | OBERG,C.T.      | 9003120533*         | 40-2061             |   |
| MUNRO,J.F.     | 9003220170*         | 50-424              | V | NELSON,L.       | 9003090291          | 71-44               | F | OBERG,C.T.      | 9003120568*         | 40-2061             |   |
| MUNRO,W.       | 9002260205          | 50-293              | R | NERSES,V.       | 9002270088          | 50-443              | Q | OBERG,C.T.      | 9003120575*         | 40-2061             |   |
| MUNSON,S.C.    | 9003020152          | 70-925              |   | NERSES,V.       | 9003010174          | 50-443              | P | OCCONNELL,G.E.  | 9003140455          | STATE PROG          |   |
| MURLEY,T.      | 9003010243          | ORG                 |   | NERSES,V.       | 9003140248          | 50-443              | P | O'DELL,W.H.     | 9003010488          | 50-458              | R |
| MURLEY,T.E.    | 8911070157*         | FOIA                |   | NERSES,V.       | 9003260049          | 50-443              | P | O'DELL,W.H.     | 9003020219          | 50-458              | S |
| MURLEY,T.E.    | 9002130259*         | 50-445              | Q | NETZEL,P.       | 9003300136*         | 40-2061             |   | O'DELL,W.H.     | 9003080314          | 50-458              | R |
| MURLEY,T.E.    | 9002280135*         | 50-445              | P | NEWBURGH,G.     | 9003160215*         | 50-245              | R | O'DELL,W.H.     | 9003090145          | 50-458              | R |
| MURLEY,T.E.    | 9002280174          | ORG                 |   | NEWBURGH,G.     | 9003160218*         | 50-245              | R | O'DELL,W.H.     | 9003090188          | 50-458              | R |
| MURLEY,T.E.    | 9003050278*         | 50-445              | Q | NEWBY,A.        | 9003010441          | PR                  |   | O'DELL,W.H.     | 9003120028          | 50-458              | P |
| MURLEY,T.E.    | 9003050286*         | 50-445              | Q | NEWELL,G.J.     | 9003130270          | 50-400              | M | O'DELL,W.H.     | 9003120708          | 50-458              | Q |
| MURLEY,T.E.    | 9003160077*         | 50-247              | P | NEWELL,G.J.     | 9003130270          | 50-400              | M | O'DELL,W.H.     | 9003140041          | 50-458              | S |
| MURLEY,T.E.    | 9003190009          | ORG                 |   | NEWMAN,H.J.     | 9003120169          | 27-48               |   | O'DELL,W.H.     | 9003140158          | 50-458              | P |
| MURLEY,T.E.    | 9003190282*         | 50-199              | P | NEWMAN,H.J.     | 9003220132          | 27-48               |   | O'DELL,W.H.     | 9003200304          | 50-458              | V |
| MURLEY,T.E.    | 9003210124          | ORG                 |   | NEWMAN,R.I.     | 9003130609*         | 40-3302             |   | O'DELL,W.H.     | 9003200443          | 50-458              | S |
| MURLEY,T.E.    | 9003260177          | 50-250              | H | NEWMAN,R.I.     | 9003130642*         | 40-3392             |   | O'DELL,W.H.     | 9003200262          | 50-458              | S |
| MURLEY,T.E.    | 9003300140          | 50-443              | P | NEWSOME,R.W.    | 9003090411*         | 50-369              | Q | O'DELL,W.H.     | 9003210261          | 50-458              | S |
| MURPHY,D.D.    | 9003150359*         | 50-259              | Q | NEWSOME,R.W.    | 9003210036*         | 50-413              | Q | ODOM,R.M.       | 9003080244          | 50-424              | S |
| MURPHY,J.J.    | 9002270214          | 50-352              | R | NEWSOME,R.W.    | 9003210249*         | 50-250              | Q | OLSEN,A.F.      | 9003090050          | 70-27               |   |
| MURPHY,J.J.    | 9003200115          | 50-352              | R | NICHOLAS,J.B.   | 9003060193*         | 50-498              | Q | OLSEN,A.F.      | 9003200087          | 70-27               |   |
| MURPHY,K.E.    | 9003020065          | 50-245              | S | NICHOLS,S.E.    | 9002270223          | 50-605              | A | OLSEN,C.S.      | 9003100280          | NUREG               |   |
| MURPHY,M.E.    | 9003130617*         | 50-458              | Q | NICHOLS,S.E.    | 9002270224*         | 50-605              | A | OLSEN,W.        | 9002270445*         | 50-293              | Q |
| MURPHY,W.P.    | 9002260492          | 50-271              | P | NICHOLS,S.E.    | 9002270227*         | 50-605              | A | OLSHAN,L.       | 9003260307          | 50-254              | P |
| MURPHY,W.P.    | 9003090014          | 50-271              | P | NICHOLS,M.D.    | 9003160043          | 70-25               |   | OLSHAN,L.N.     | 9002260193          | 50-454              | P |
| MURPHY,W.P.    | 9003130134          | 50-271              | P | NICHOLS,S.E.    | 9002260072          | 50-309              | F | OLSHAN,L.N.     | 9002270432          | 50-237              | P |
| MURPHY,W.P.    | 9003130612          | 50-271              | R | NICHOLS,S.E.    | 9003080149          | 50-309              | R | OLSHAN,L.N.     | 9003150474          | 50-237              | P |
| MURPHY,W.P.    | 9003150288          | 50-271              | P | NICHOLS,S.E.    | 9003090140          | 50-309              | S | OLSHAN,L.N.     | 9003210162          | 50-254              | F |
| MURPHY,W.P.    | 9003150296          | 50-271              | P | NICHOLS,S.E.    | 9003140218          | 50-309              | F | OMEALIA,M.K.    | 9003120048          | FOIA                |   |
| MURPHY,W.P.    | 9003150413          | 50-271              | V | NICHOLS,S.E.    | 9003150244          | 50-309              | P | ORDERS,W.T.     | 9002230545*         | 50-413              | Q |
| MURPHY,W.P.    | 9003150417          | 50-271              | P | NICHOLS,S.E.    | 9003200286          | 50-309              | R | ORDERS,W.T.     | 9003210007*         | 50-413              | Q |
| MURPHY,W.P.    | 9003220280          | 50-271              | P | NICHOLS,S.E.    | 9003270229          | 50-309              | S | ORRIS,K.        | 9002270428          | 50-454              | R |
| MURPHY,W.P.    | 9003230220          | 50-271              | F | NICHOLS,S.E.    | 9003270383          | 50-300              | H | ORRIS,K.        | 9003200145          | 50-454              | R |
| MURPHY,W.P.    | 9003260340          | 50-271              | P | NICHOLSON,L.E.  | 9003200281*         | 50-280              | Q | ORSER,W.S.      | 9003050192          | 50-341              | S |
| MURRAY,A.T.    | 9003090244*         | CONTRACT            |   | NICHOLSON,N.A.  | 9003130111*         | 40-2061             |   | ORSER,W.S.      | 9003070080          | 50-341              | R |
| MURRAY,B.      | 9003060193*         | 50-498              | Q | NEMEYER,E.      | 9003150042*         | CONTRACT            |   | ORSER,W.S.      | 9003080331          | 50-341              | S |
| MURRAY,B.      | 9003080289*         | 50-128              | Q | N.N.H.S.        | 9003270196*         | 50-369              | Q | ORSER,W.S.      | 9003200119          | 50-341              | R |
| MURRAY,B.      | 9003130707*         | 50-482              | Q | NIXON,J.W.      | 9003160276*         | 70-36               |   | ORSER,W.S.      | 9003260345          | 50-341              | Q |
| MURRAY,B.      | 9003200051*         | 50-458              | P | NIYOGI,P.K.     | 9002270035          | 50-280              | P | ORTICELLE,A.    | 9002230329          | 50-311              | R |
| MURRAY,B.      | 9003200091*         | 50-458              | Q | NOLAN,D.J.      | 9002230323          | 71-8015             |   | ORTICELLE,A.    | 9003200173          | 50-311              | R |
| MUSSE,R.A.     | 9003220008*         | 50-321              | Q | NOLAN,D.J.      | 9003120813          | 71-9206             |   | ORTICELLE,A.    | 9003200170          | 50-272              | R |
| MUTH,D.W.      | 9003020118          | 50-317              | S | NOONAN,T.P.     | 9002220059          | 50-412              | S | OSGOOD,N.L.     | 9003010232          | 71-9056             |   |
| MUTH,D.W.      | 9003220075          | 50-317              | S | NOONAN,T.P.     | 9002270257          | 50-334              | S | OTADUY,P.J.     | 9003070237          | NUREG               |   |
| MUTYALA,M.     | 9003070381*         | 50-272              | P | NOONAN,T.P.     | 9003050005          | 50-334              | S | OTT,L.J.        | 9003070276          | NUREG               |   |
| MYERS,T.J.     | 9003010397          | 50-346              | F | NOONAN,T.P.     | 9003200029          | 50-412              | S | OWEN,T.B.       | 9002260302          | 50-413              | S |
| NANDY,F.R.     | 9002220854          | 50-206              | R | NOONAN,T.P.     | 9003200033          | 50-334              | S | OWEN,T.B.       | 9002260306          | 50-413              | F |
| NANDY,F.R.     | 9002280013          | 50-361              | P | NOONAN,T.P.     | 9003210251          | 50-412              | S | OWEN,T.B.       | 9003080447          | 50-413              | S |
| NANDY,F.R.     | 9002260472          | 50-361              | P | NOONAN,T.P.     | 9003230128          | 50-412              | S | OWEN,T.B.       | 9003080464          | 50-413              | S |
| NANDY,F.R.     | 9002260481          | 50-361              | P | NORDERHAUG,L.R. | 9002260089*         | 50-73               | Q | OWEN,T.B.       | 9003080346*         | 50-360              | R |
| NANDY,F.R.     | 9002270066          | 50-361              | P | NORDERHAUG,L.R. | 9003202039*         | 50-139              | Q | OWEN,T.B.       | 9003080351*         | 50-369              | R |
| NANDY,F.R.     | 9002270213          | 50-361              | P | NOELIUS,C.E.    | 9003010224          | 50-483              | Q | OWEN,T.B.       | 9003120500          | 50-413              | S |
| NANDY,F.R.     | 9002270485          | 50-206              | P | NOELIUS,C.E.    | 9003150284          | 50-373              | Q | OWEN,T.B.       | 9003130002          | 50-413              | S |
| NANDY,F.R.     | 9003070160          | 50-361              | P | NOELIUS,C.E.    | 9003210088          | 50-341              | P | OWEN,T.B.       | 9003130827          | 50-413              | S |
| NANDY,F.R.     | 9003080348          | 50-361              | S | NOELIUS,C.E.    | 9003260432          | 50-483              | Q | OWEN,T.B.       | 9003130834          | 50-413              | S |
| NANDY,F.R.     | 9003080386          | 50-206              | R | NORKIN,D.P.     | 9002140050*         | 50-445              | Q | OWEN,T.B.       | 9003130851          | 50-414              | S |
| NANDY,F.R.     | 9003090134          | 50-206              | R | NORRIS,B.S.     | 9003150007*         | 50-289              | V | OWEN,T.B.       | 9003160345          | 50-413              | S |
| NANDY,F.R.     | 9003120218          | 50-206              | S | NORRIS,J.A.     | 9002280046          | 50-335              | P | OWEN,T.B.       | 9003210140          | 50-413              | S |
| NANDY,F.R.     | 9003130004          | 50-206              | P | NORRIS,J.A.     | 9003070278          | 50-335              | F | OWEN,T.B.       | 9003220073          | 50-413              | S |
| NANDY,F.R.     | 9003140229          | 50-361              | P | NORRIS,J.A.     | 9003160041          | 50-335              | P | OWEN,T.B.       | 9003220090          | 50-413              | S |
| NANDY,F.R.     | 9003150366          | 50-206              | Q | NORRIS,P.G.     | 9002270362*         | COMMISSION          |   | OWEN,T.B.       | 9003220090          | 50-413              | S |
| NANDY,F.R.     | 9003160087          | 50-361              | Q | NORTON,L.J.     | 9003150359*         | 50-259              | Q | OWEN,T.B.       | 9003230081          | 50-413              | S |
| NANDY,F.R.     | 9003160092          | 50-361              | P | NOTARO,J.A.     | 9003070111          | 50-322              | R | OWEN,T.B.       | 9003230085          | 50-413              | S |
| NANDY,F.R.     | 9003160148          | 50-361              | P | NOTARO,J.A.     | 9003090045          | 50-322              | S | PAGE,B.M.       | 9002280255          | 50-275              | Q |
| NANDY,F.R.     | 9003200124          | 50-206              | R | NOTARO,J.A.     | 9003220106          | 50-322              | S | PAOLIARO,J.A.   | 9003010181*         | 40-3392             |   |
| NANDY,F.R.     | 9003200326          | 50-361              | P | NOVAK,T.M.      | 9002220345          | 50-244              | S | PAQUINO,R.J.    | 9003140123*         | 60-289              | Q |
| NANDY,F.R.     | 9003230099          | 50-206              | Q | NOVAK,T.M.      | 9003190132          | ORG                 |   | PAPANIC,G.      | 9003080313          | 50-29               | R |
| NANDY,F.R.     | 9003230128          | 50-206              | P | NUKEZ,J.S.      | 9002280131*         | PROJ                |   | PAPANIC,G.      | 9003090404          | 50-29               | R |
| NANDY,F.R.     | 9003260002          | 50-361              | R | NUSS,B.C.       | 9003020023          | 40-8948             |   | PAPERIELLO,C.J. | 9003120707*         | 40-2061             |   |
| NANDY,F.R.     | 9002280066          | 50-206              | P | NUSSBAUMER,D.A. | 9003010026*         | 40-3392             |   | PAPERIELLO,C.J. | 9003120714*         | 40-2061             |   |
| NANDY,F.R.     | 9003200132          | 50-361              | R | NUSSBAUMER,D.A. | 9003120740*         | 40-3392             |   | PAQUIN,P.L.     | 9003060254          | 71-5939             |   |
| NANSTAD,R.K.   | 9003190328          | NUREG               |   | O'CONNELL,P.    | 9003180268*         | 50-219              | Q | PAQUIN,P.L.     | 9003220258          | 71-5939             |   |
| NAPUADA,G.     | 9003200204*         | FOIA                |   | O'CONNELL,W.J.  | 9003010466*         | WASTE MGT           |   | PARAMORE,G.M.   | 9002260575          | 50-10               | R |
| NARDONE,P.     | 9002270151          | 50-443              | R | O'CONNOR,P.W.   | 9002220411          | 50-298              | Q | PARAMORE,G.M.   | 9003200317          | 50-10               | R |
| NARDONE,P.     | 9003220027          | 50-443              | R | O'CONNOR,P.W.   | 9002220678          | 50-298              | P | PARKER,T.M.     | 9002280129          | 50-263              | Q |
| NASH,E.G.      | 9003190165*         | FOIA                |   | O'CONNOR,P.W.   | 9003120584          | 50-298              | P | PARKER,T.M.     | 9002280344          | 50-282              | Q |
| NASOLA,L.      | 9003210260*         | PROJ                |   | O'CONNOR,P.W.   | 9003140363          | 50-298              | P | PARKER,T.M.     | 9002280372          | 50-282              | S |
| NAUS,D.J.      | 9003070238          | NUREG               |   | O'CONNOR,P.W.   | 9003180137          | 50-298              | P | PARKER,T.M.     | 9002280388          | 50-282              | S |
| NAZAR,M.K.     | 9003210341          | 50-370              | P | O'CONNOR,P.W.   | 9003200381          | 50-298              | P | PARKER,T.M.     | 9002280175          | 50-282              | R |
| NEASE,R.       | 9003070137          | NUREG               |   | O'CONNOR,P.W.   | 9003210362          | 50-298              | P | PARKER,T.M.     | 9003010281          | 50-282              | Q |
| NEELY,L.W.     | 9003150424          | 50-335              | S | O'KEEFE,J.A.    | 9003210186*         | FOIA                |   | PARKER,T.M.     | 9003050322          | 50-282              | F |
| NEELY,L.W.     | 9003260543          | 50-335              | S | OBERG,C.T.      | 8611250155*         | FOIA                |   | PARKER,T.M.     | 9003080305          | 50-282              | R |
| NEIGHBORS,J.D. | 9002260278          | 50-286              | Q | OBERG,C.T.      | 8706080332*         | FOIA                |   | PARKER,T.M.     | 9003080309          | 50-282              | P |
| NEIGHBORS,J.D. | 9003020272          | 50-286              | P | OBERG,C.T.      | 9003120203*         | 40-2061             |   | PARKER,T.M.     | 9003130607          | 50-282              | P |

| AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |   | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |   | AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |   |
|----------------|---------------------|---------------------|---|-----------------|---------------------|---------------------|---|----------------|---------------------|---------------------|---|
| PARKER,T.M.    | 9003160309          | 50-263              | R | PENNINGTON,W.S. | 9002220652          | 40-7680             |   | PIRNER,B.      | 9003280182*         | 50-445              | O |
| PARKER,T.M.    | 9003210294          | 50-263              | P | PENNINGTON,W.S. | 9003060057          | 70-1257             |   | PIRTLE,G.L.    | 9003010226*         | 50-483              | O |
| PARKER,T.M.    | 9003260188          | 50-263              | F | PENNINGTON,W.S. | 9003130775*         | 70-25               |   | PIRTLE,G.L.    | 9003260478*         | 50-341              | O |
| PARKER,T.M.    | 9003270415          | 50-306              | S | PEPPER,D.J.     | 9003010399          | PR                  |   | PITTERLE,T.A.  | 9002230635*         | 50-275              | P |
| PARKER,W.L.    | 9003220104          | 50-443              | G | PERANICH,M.A.   | 8805270271*         | FOIA                |   | PITTIGLIO,C.L. | 9002260499          | WASTE MGT           |   |
| PARKER,W.L.    | 9003220104          | 50-443              | G | PERFETTI,R.     | 9003010487          | 50-255              | Q | PITTIGLIO,C.L. | 9003060098          | PROJ                |   |
| PARLER,W.C.    | 9001220177          | SECY                |   | PERRY,J.S.      | 9003090139          | 50-461              | Q | PITTIGLIO,C.L. | 9003140142          | WASTE MGT           |   |
| PARODIES,M.    | 9003140454*         | CONTRACT            |   | PERRY,J.S.      | 9003200390*         | 50-461              | Q | PITTIGLIO,C.L. | 9003140191          | WASTE MGT           |   |
| PARSONS,M.W.   | 9002260445*         | WASTE MGT           |   | PEHRY,J.S.      | 9003270319          | 50-461              | Q | PIZZO,B.N.     | 9003080450          | XPORTLIC            |   |
| PARTLOW,J.G.   | 9003090470          | 50-220              | P | PETERS,J.F.     | 9003020278          | 50-397              | P | PIZZO,B.N.     | 9003080469*         | XPORTLIC            |   |
| PARTLOW,J.G.   | 9003140080          | 50-3                | P | PETERS,T.G.     | 9002270256          | 50-338              | R | PIZZUTO,C.M.   | 9002260146          | ORG                 |   |
| PASCAK,W.      | 9002220373*         | 50-289              | Q | PETERSON,C.H.   | 9002280232          | WASTE RES           |   | PLAINE,H.H.    | 9003190118*         | 50-3                | H |
| PASCAK,W.      | 9003210363          | 50-333              | S | PETERSON,G.R.   | 9003010442          | 50-285              | R | PLEASANT,E.M.  | 9003080231          | CONTRACT            |   |
| PASSEH,D.      | 9003140288*         | 50-315              | Q | PETERSON,M.R.   | 9002260054          | XPORTLIC            |   | PLENIWICZ,R.   | 9002270428          | 50-454              | R |
| PASSWATER,A.C. | 9002220491          | 50-483              | P | PETERSON,M.R.   | 9002260108          | XPORTLIC            |   | PLENIWICZ,R.   | 9003010052          | 50-454              | R |
| PATE,R.J.      | 9003270389          | 1&E                 |   | PETERSON,M.R.   | 9002260188          | XPORTLIC            |   | PLENIWICZ,R.   | 9003050213          | 50-454              | R |
| PATE,R.J.      | 9002220556          | 70-1359             |   | PETERSON,M.R.   | 9002260207          | XPORTLIC            |   | PLENIWICZ,R.   | 9003090097          | 50-454              | R |
| PATE,R.J.      | 9002260087          | 50-73               | Q | PETERSON,M.R.   | 9002260330          | XPORTLIC            |   | PLENIWICZ,R.   | 9003090488*         | 50-237              | P |
| PATE,R.J.      | 9003090236          | 50-139              | Q | PETERSON,M.P.   | 9003090264          | XPORTLIC            |   | PLENIWICZ,R.   | 9003120041          | 50-454              | Q |
| PATE,R.J.      | 9003140040*         | 27-48               |   | PETERSON,M.P.   | 9003120349          | XPORTLIC            |   | PLENIWICZ,R.   | 9003150257          | 50-454              | R |
| PATE,R.J.      | 9003140042*         | 27-48               |   | PETERSON,M.R.   | 9003140335          | XPORTLIC            |   | PLENIWICZ,R.   | 9003200145          | 50-454              | R |
| PATE,R.J.      | 9003150088          | 50-206              | Q | PETERSON,M.R.   | 9003150302          | XPORTLIC            |   | PLOTKIN,S.C.   | 9003020039          | 70-25               |   |
| PATE,R.J.      | 9003190041          | 50-326              | Q | PETERSON,M.R.   | 9003150311          | XPORTLIC            |   | PLOTKIN,S.C.   | 9003190095          | 70-25               |   |
| PATE,R.J.      | 9003220304          | 50-113              | Q | PETERSON,M.P.   | 9003190187          | XPORTLIC            |   | PLOTKIN,S.C.   | 9003300117          | 70-25               |   |
| PATE,R.J.      | 9003260461          | Docket 30           |   | PETERSON,M.P.   | 9003190200          | XPORTLIC            |   | PLOTKIN,S.C.   | 9003300120          | 70-25               |   |
| PATE,R.J.      | 9003260482          | Docket 30           |   | PETERSON,M.R.   | 9003190213          | XPORTLIC            |   | POHLE,J.       | 9002270458*         | WASTE MGT           |   |
| PATE,Z.T.      | 9003300149*         | 50-443              | P | PETERSON,M.P.   | 9003190225          | XPORTLIC            |   | POHLOD,C.S.    | 9003090288          | 50-151              | R |
| PATEL,C.P.     | 9002230334          | 50-295              | P | PETERSON,M.R.   | 9003190304          | XPORTLIC            |   | POLLACK,M.     | 9003020129          | 50-311              | O |
| PATEL,C.P.     | 9002260361          | 50-205              | P | PETERSON,M.R.   | 9003190370          | XPORTLIC            |   | POLLACK,M.     | 9003050286          | 50-272              | S |
| PATEL,C.P.     | 9002270225          | 50-205              | Q | PETERSON,M.R.   | 9003200232          | XPORTLIC            |   | POLLACK,M.J.   | 9003230031          | 50-272              | S |
| PATEL,C.P.     | 9002270408          | 50-285              | P | PETERSON,M.R.   | 9003200302          | XPORTLIC            |   | POLLACK,M.J.   | 9003230049          | 50-311              | S |
| PATEL,C.P.     | 9002270413*         | 50-285              | P | PETERSON,M.R.   | 9003200340          | XPORTLIC            |   | POLLARD,R.D.   | 9003230038*         | 50-443              | G |
| PATEL,C.P.     | 9003210157          | 50-205              | F | PETERSON,M.R.   | 9003220212          | XPORTLIC            |   | PORTER,E.C.    | 9003130349          | 50-271              | F |
| PATRICK,W.C.   | 9002260537*         | WASTE MGT           |   | PETERSON,M.R.   | 9003220218          | XPORTLIC            |   | PORTER,J.      | 9002270281*         | COMMISSION          |   |
| PATRICK,W.C.   | 9003070192*         | WASTE MGT           |   | PETERSON,M.R.   | 9003220220          | XPORTLIC            |   | PORTER,K.F.    | 9003190173          | 50-528              | R |
| PATRICK,W.C.   | 9003070208*         | WASTE MGT           |   | PETERSON,M.R.   | 9003220233          | XPORTLIC            |   | PORTER,S.A.    | 9003120723          | 71-9200             |   |
| PATTERSON,C.A. | 9003210107*         | 50-259              | Q | PETERSON,M.R.   | 9003230015          | XPORTLIC            |   | PORTER,S.A.    | 9003120737          | 71-9181             |   |
| PATTERSON,J.W. | 9003060044          | 71-611              |   | PETERSON,M.R.   | 9003090089          | 50-458              | R | PORTER,W.F.    | 9002260555          | 40-8948             |   |
| PATTISON,R.S.  | 9003020092          | 40-8084             |   | PETERSON,R.     | 9002280182*         | 71-185              |   | POSTALNY,C.    | 9003140268          | 50-313              | O |
| PATTON,J.D.    | 9003010455          | 40-8102             |   | PETERSON,S.R.   | 9003140442          | 50-528              | P | POTAPOVS,U.    | 9003190077*         | QA899               |   |
| PAUL,R.        | 9003140288*         | 50-315              | Q | PETERSON,S.R.   | 9003260339          | 50-528              | P | POTTER,J.P.    | 9002230352*         | 50-302              | O |
| PAUL,R.A.      | 9002220875*         | 50-373              | Q | PETRIGNANI,R.   | 9002270280*         | COMMISSION          |   | POTTER,J.P.    | 9003060037*         | 50-327              | O |
| PAULITZ,F.     | 8701080525*         | FOIA                |   | PETROSSIO,J.J.  | 9003010153*         | QA999               |   | POTTER,J.P.    | 9003220112*         | 50-413              | O |
| PAULITZ,F.P.   | 9003130636*         | 50-260              | Q | PETTY,J.B.      | 9003230157*         | 70-25               |   | POTTER,J.P.    | 9003220155*         | 50-324              | Q |
| PAULK,C.       | 9003270321*         | 50-208              | Q | PFARR,S.J.      | 9003010231*         | 40-6859             |   | POWER,C.M.     | 9003200213          | 50-397              | R |
| PAULSON,W.A.   | 9003120603          | 50-458              | P | PHILIPS,J.      | 9003200067          | FOIA                |   | POWER,E.J.     | 9003190223*         | 50-322              | S |
| PAULSON,W.A.   | 9003140381          | 50-458              | P | PHILIPS,J.D.    | 9003010010          | 40-3392             |   | POWER,E.J.     | 9003190230*         | FOIA                |   |
| PAULSON,W.A.   | 9003016000          | 50-458              | P | PHILIPS,J.D.    | 9003050175          | 50-10               | Q | POWERS,C.M.    | 9002270002          | 50-397              | S |
| PAULSON,W.A.   | 9003210142          | 50-458              | P | PHILIPS,J.D.    | 9003060069          | FOIA                |   | POWERS,C.M.    | 9003020127          | 50-397              | S |
| PAULSON,W.A.   | 9003220034          | 50-450              | P | PHILIPS,J.D.    | 9003060206          | 70-33               |   | POWERS,C.M.    | 9003090218          | 50-397              | R |
| PAULSON,W.A.   | 9003220150          | 50-458              | P | PHILIPS,J.D.    | 9003080463          | 40-2081             |   | POWERS,C.M.    | 9003120134          | 50-397              | R |
| PAUSTIAN,H.H.  | 9003160309          | 50-283              | R | PHILIPS,J.D.    | 9003090320          | FOIA                |   | POWERS,C.M.    | 9003140332          | 50-397              | R |
| PAYNE,D.F.     | 9002260368*         | CONTRACT            |   | PHILIPS,J.D.    | 9003090324          | 50-3                | U | POWERS,C.M.    | 9003140383          | 50-397              | R |
| PEARCE,L.W.    | 9003130315          | 50-250              | R | PHILIPS,J.D.    | 9003120059          | FOIA                |   | POWERS,C.M.    | 9003140391          | 50-397              | S |
| PEARSON,J.T.   | 9003150473          | 50-271              | J | PHILIPS,J.D.    | 9003130555          | FOIA                |   | POWERS,C.M.    | 9003220068          | 50-397              | S |
| PECK,S.M.      | 9003090224          | 50-443              | I | PHILIPS,J.D.    | 9003190080          | FOIA                |   | POWERS,C.M.    | 9003220090          | 50-397              | S |
| PEEBLES,T.     | 9003021048*         | 50-327              | Q | PHILIPS,J.D.    | 9003190118          | 40-4869             |   | POWERS,D.A.    | 9002280208*         | 50-445              | O |
| PEEBLES,T.     | 9002260116          | 50-348              | V | PHILIPS,J.D.    | 9003200116          | FOIA                |   | POWERS,D.A.    | 9003010482*         | 40-6027             |   |
| PEEBLES,T.A.   | 9002280317          | 50-302              | V | PHILIPS,J.D.    | 9003200199          | FOIA                |   | POWERS,D.A.    | 9003060040*         | 50-445              | O |
| PEEBLES,T.A.   | 9002260320*         | 50-302              | V | PHILIPS,J.D.    | 9003200339          | FOIA                |   | PRENDEFGAST,K. | 9003160160*         | 50-528              | Q |
| PEEBLES,T.A.   | 9002280333          | 50-269              | V | PHILIPS,J.D.    | 9003200347          | FOIA                |   | PRESTHOLT,P.T. | 9003060122          | WASTE MGT           |   |
| PEEBLES,T.A.   | 9003050116          | 50-424              | Q | PHILIPS,J.D.    | 9003200374          | 71-5939             |   | PRESTHOLT,P.T. | 9003150423          | WASTE MGT           |   |
| PEEBLES,T.A.   | 9003050151          | 50-261              | V | PHILIPS,J.D.    | 9003210228          | FOIA                |   | PRESTHOLT,P.T. | 9003160442          | WASTE MGT           |   |
| PEEBLES,T.A.   | 9003050168          | 50-269              | Q | PHILIPS,J.D.    | 9003280216          | FOIA                |   | PRESTHOLT,P.T. | 9003150454          | WASTE MGT           |   |
| PEEBLES,T.A.   | 9003050100          | 50-207              | V | PHILIPS,J.D.    | 9003280251          | FOIA                |   | PRESTHOLT,P.T. | 9003220314          | WASTE MGT           |   |
| PEEBLES,T.A.   | 9003050238          | 50-324              | Q | PHILIPS,J.H.    | 9003120664          | 40-3392             |   | PRESTHOLT,P.T. | 9003270357          | WASTE MGT           |   |
| PEEBLES,T.A.   | 9003090205          | 50-160              | V | PHILLIP,G.A.    | 9003090504*         | 40-2061             |   | PRESTHOLT,P.T. | 9003270368          | WASTE MGT           |   |
| PEEBLES,T.A.   | 9003090277          | 50-395              | V | PHILLIP,G.A.    | 9003120687*         | 40-2061             |   | PRESTON,B.A.   | 9002260428          | 50-272              | P |
| PEEBLES,T.A.   | 9003090281          | 50-250              | Q | PHILLIP,G.A.    | 9003220024*         | 40-3392             |   | PRICE,E.G.     | 9003010429*         | PROJ                |   |
| PEEBLES,T.A.   | 9003120487          | 50-335              | Q | PHILLIP,G.A.    | 9003220032*         | FOIA                |   | PRICE,E.K.     | 9003120690*         | 40-3392             |   |
| PEEBLES,T.A.   | 9003120494          | 50-338              | Q | PHILLIPS,H.S.   | 9003050276*         | 50-445              | Q | PRICE,L.L.     | 9003190287          | NUREG               |   |
| PEEBLES,T.A.   | 9003120498          | 50-424              | Q | PHILLIPS,H.S.   | 9003050277*         | 50-445              | Q | PRIVIDY,L.J.   | 9003140273*         | 50-272              | O |
| PEEBLES,T.A.   | 9003130503          | 50-250              | Q | PHILLIPS,J.D.   | 9003210286          | 40-3392             |   | PROFFITT,J.W.  | 9003070300          | 50-327              | S |
| PEEBLES,T.A.   | 9003130508*         | 50-250              | Q | PHILLIPS,L.E.   | 9003140226          | TOPREP              |   | PROFFITT,J.W.  | 9003070345          | 50-328              | S |
| PEEBLES,T.A.   | 9003200304          | 50-335              | V | PHILLIPS,M.P.   | 9002270011*         | 50-458              | Q | PULLANI,S.     | 9003150258*         | 50-219              | V |
| PEEBLES,T.A.   | 9003200305*         | 50-335              | V | PHILLIPS,M.P.   | 9003150458*         | 50-305              | Q | PULLANI,S.     | 9003200449*         | 50-387              | V |
| PEEBLES,T.A.   | 9003210032          | 50-302              | Q | PHILLIPS,M.P.   | 9003220068*         | 50-483              | Q | PULSIFER,R.M.  | 9002220550          | 50-155              | P |
| PEEBLES,T.A.   | 9003210049          | 50-335              | Q | PICCONI,J.      | 8701080545*         | FOIA                |   | PULSIFER,R.M.  | 9002270432          | 50-237              | P |
| PEEBLES,T.A.   | 9003220164          | 50-424              | V | PICCONI,J.      | 8710290065*         | FOIA                |   | PULSIFER,R.M.  | 9003080138          | 50-373              | P |
| PELKE,P.J.     | 9003200415*         | FOIA                |   | PICCONI,J.      | 9002270132          | 1&E                 |   | PULSIFER,R.M.  | 9003190245          | 50-373              | P |
| PELLET,J.L.    | 9003120593*         | 50-267              | V | PICCONI,J.M.    | 8609240217*         | FOIA                |   | QUAIN,P.B.     | 9003150232          | XPORTLIC            |   |
| PELLET,J.L.    | 9003230206*         | 50-298              | V | PICCONI,J.M.    | 8610230188*         | FOIA                |   | QUAIN,P.B.     | 9003150241          | XPORTLIC            |   |
| PELLET,J.L.    | 9003270431*         | 50-488              | V | PICKETT,D.V.    | 9003090335          | 50-482              | P | QUAIN,P.B.     | 9003150245*         | XPORTLIC            |   |
| PELLETIER,J.P. | 9003156401          | 50-271              | S | PICKETT,D.V.    | 9003120572          | 50-482              | P | QUAIN,P.B.     | 9003200327          | XPORTLIC            |   |
| PELLETIER,J.P. | 9003210274          | 50-271              | S | PICKETT,D.V.    | 9003150099          | 50-482              | P | QUAIN,P.B.     | 9003200335*         | XPORTLIC            |   |
| PELOQUIN,R.A.  | 9003070227          | NUREG               |   | PICKETT,D.V.    | 9003150072          | 50-482              | P | QUAIN,P.B.     | 9003200419*         | XPORTLIC            |   |
| PENDERGAST,J.  | 9003050192          | 50-341              | S | PICKETT,D.V.    | 9003220004          | 50-482              | P | QUERIO,R.E.    | 9002260572          | 50-456              | R |
| PENDERGAST,J.  | 9003080331          | 50-341              | S | PIERSON,R.C.    | 9003130636*         | 50-260              | Q | QUERIO,R.E.    | 9003090099          | 50-456              | R |

| AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|------------------|
| QUERIO, R E    | 9003090490*      | 50-237 R         | REMICK, F J      | 8910060263       | 50-410 O         | RILEY, A D     | 9003133205*      | 40-3392          |
| QUILIN, R M    | 9003160011       | STATE PRO G      | REMICK, F J      | 8911280338       | ACRS             | RILEY, A D     | 9003133260*      | 40-3392          |
| QUINN, B       | 9003220227*      | CONTRACT         | REMICK, F J      | 9003280070       | 50-206 O         | RILEY, A D     | 90031330311*     | 40-3392          |
| QUINN, S       | 9003130315       | 50-250 R         | RENTSCHLER, R R  | 9003320031       | NUREG            | RILEY, A D     | 9003130487*      | 40-3392          |
| QUINN, S E     | 900220239*       | 50-247 O         | RESCEK, F        | 9003390471       | 50-237 R         | RILEY, A D     | 9003130493*      | 40-3392          |
| RABEY, R A     | 9003020350       | 50-254 F         | RESCHESKE, P R   | 9002270011*      | 50-456 O         | RILEY, A D     | 9003133498*      | 40-3392          |
| RABIDEAU, P J  | 9003050065*      | FOIA             | REYES, L A       | 9002260323       | 50-324 O         | RILEY, A D     | 9003133504*      | 40-3392          |
| RAMSEY, C      | 9003140288*      | 50-315 O         | REYES, L A       | 9002260325       | 50-413 O         | RILEY, A D     | 90031305311*     | 40-3392          |
| RANDALL, P N   | 9003120156       | PR               | REYES, L A       | 9002260327*      | 50-324 O         | RILEY, A D     | 9003130521*      | 40-3392          |
| RANEY, R G     | 9002220728*      | WASTE RES        | REYES, L A       | 9003080372       | 53-400 Q         | RILEY, A D     | 9003130582*      | 40-7779          |
| RANGANATH, S   | 9003080440*      | 50-324 O         | REYES, L A       | 9003080375*      | 50-400 O         | RILEY, A D     | 9003133588*      | 40-3392          |
| RANGE, D M     | 9003050109       | 40-8102          | REYES, L A       | 9003090294       | 50-280 O         | RILEY, A D     | 9003130606*      | 40-3392          |
| RANGE, D M     | 9003150093       | 40-8102          | REYES, L A       | 9003090398       | 50-250 O         | RILEY, A D     | 9003130638*      | 40-3392          |
| RANKIN, W      | 9003050062*      | 50-280 Q         | REYES, L A       | 9003390401*      | 50-250 O         | RILEY, A D     | 9003130647*      | 40-3392          |
| RANKIN, W      | 9003220014*      | 50-324 Q         | REYES, L A       | 9003390485       | 50-400 O         | RILEY, A D     | 9003130657*      | 40-3392          |
| RANKIN, W H    | 9003210012*      | 50-413 O         | REYES, L A       | 9003120461       | 50-250 P         | RILEY, A D     | 9003130664*      | 40-3392          |
| RANKIN, W H    | 9003210119*      | 50-250 O         | REYES, L A       | 9003130459       | 50-424 P         | RILEY, A D     | 9003210344*      | 40-3392          |
| RAS, N W H     | 9003010296       | REVIEW GR P      | REYES, L A       | 9003200256       | 50-280 O         | RING, M A      | 9002270005*      | 50-461 O         |
| RASKIN, J      | 9003190068       | 70-25            | REYES, L A       | 9003210033       | 50-335 O         | RITCHIE, L T   | 9003160289       | NUREG            |
| RASMUSSEN, T C | 9003070258       | NUREG            | REYES, L A       | 9003210039*      | 50-335 O         | RIVERA, J      | 9003370263       | 50-249 S         |
| RATHBUN, D K   | 9003090092       | ORG              | REYES, L A       | 9003210301       | 50-250 O         | ROBBINS, G J   | 9003228360*      | PROJ             |
| RATHE, D J     | 9003010042       | 40-2061          | REYES, L A       | 9003220113       | 50-324 P         | ROBBINS, G J   | 9003121026*      | PROJ             |
| RATHE, D J     | 9003010057       | 40-2061          | REYES, L A       | 9003220119       | 50-395 P         | ROBBINSON, P W | 9003210341       | 50-370 P         |
| RATHE, D J     | 9003300107       | 40-2061          | REYMAN, G A      | 9003190269       | NUREG            | ROBERTS, J P   | 9002260126       | PROJ             |
| RATLFF, S A    | 9002260005       | 50-259 R         | REYNOLDS, N S    | 9003150321       | I&E              | ROBERTS, J P   | 9002260131       | 60-317 Y         |
| RATTA, A D     | 9003090333*      | 50-77 O          | REYNOLDS, N S    | 9003150321       | I&E              | ROBERTS, J P   | 9002260220       | 50-267 Y         |
| RAVENSCROFT, N | 9003220211       | XPORTLIC         | REYNOLDS, N S    | 9003230165       | PR               | ROBERTS, J P   | 9003160213       | PROJ             |
| RAVENSCROFT, N | 9003220213*      | XPORTLIC         | REYNOLDS, N S    | 9003230165       | PR               | ROBERTS, J P   | 9003210177       | PROJ             |
| RAVENSCROFT, N | 9003220235       | XPORTLIC         | REYNOLDS, S A    | 9002260363       | 50-312 Q         | ROBERTS, J P   | 9003230212       | 50-324 Y         |
| RAVENSCROFT, N | 9003220236*      | XPORTLIC         | REYNOLDS, S A    | 9003020065       | 50-312 P         | ROBERTSON, G   | 9003090106       | 27-48            |
| RAY, D         | 9003010444       | PR               | REYNOLDS, S A    | 9003050089       | 50-312 P         | ROBERTSON, G   | 9003090290       | 27-48            |
| RAY, H B       | 9003010208       | 50-206 P         | REYNOLDS, S A    | 9003260363       | 50-312 V         | ROBERTSON, P W | 9003220204*      | 10-PRF           |
| RAY, H B       | 9003320011       | 50-205 K         | REYNOLDS, T C    | 9003260163*      | 50-336 H         | ROBEY, R A     | 9003150377       | 50-254 R         |
| RAY, H B       | 9003020109       | 50-206 F         | RHODES, F T      | 9003080003       | 50-482 F         | ROBEY, R A     | 9003160313       | 50-254 H         |
| RAY, H B       | 9003020237       | 50-206 F         | RHODES, F T      | 9003080320       | 50-482 P         | ROBINSON, A M  | 9003140316*      | CONTRACT         |
| RAY, H B       | 9003020253       | 50-206 O         | RHODES, F T      | 9003260245       | 50-482 P         | ROBINSON, C    | 9003130704       | 40-3392          |
| RAY, H B       | 9003090366*      | 50-206 P         | RICCARDELLA, P C | 9003220057*      | 50-324 P         | ROBINSON, C K  | 9003210101*      | FOIA             |
| RAY, H B       | 9003120204       | 50-206 O         | RICCO, J P       | 9003210320       | PR               | ROBINSON, H    | 90032260545      | 50-218 S         |
| RAY, H B       | 9003130178       | 50-206 P         | RICE, R M        | 9002230106       | 50-255 F         | ROBINSON, K W  | 9003160211*      | CONTRACT         |
| RAY, H B       | 9003160325       | 50-361 P         | RICE, R M        | 9003200113       | 50-255 F         | ROBINSON, M A  | 9003050334       | 50-138 F         |
| RAY, H B       | 9003230104       | 50-206 O         | RICE, R M        | 9003200120       | 50-255 F         | ROCHE, M B     | 9003260232       | 50-320 P         |
| RAY, M         | 9002220500       | 50-327 P         | RICE, R M        | 9003200129       | 50-255 F         | ROCHE, M B     | 9003090170       | 50-320 R         |
| RAY, M         | 9002270157       | 50-259 S         | RICHARDS, S      | 9003070011       | 50-528 O         | ROCHE, M B     | 9003210224       | 50-320 P         |
| RAY, M J       | 9002140229       | 50-259 P         | RICHARDS, S      | 9003070013*      | 50-528 O         | ROCHE, M B     | 9003140187       | 50-320 P         |
| RAY, M J       | 9002220401       | 50-328 P         | RICHARDS, S A    | 9003080223*      | 50-344 O         | ROCHE, M B     | 9003150368       | 50-320 P         |
| RAY, M J       | 9002220685       | 50-327 S         | RICHARDS, S A    | 9003260351       | 50-206 O         | ROCHE, M B     | 9003260539       | 50-320 P         |
| RAY, M J       | 9002260004       | 50-259 O         | RICHARDS, S A    | 9003140127       | 50-397 O         | RODE, J A      | 9002260243       | 70-36            |
| RAY, M J       | 9002260037       | 50-327 P         | RICHARDS, S A    | 9003210324*      | 50-397 O         | RODE, J A      | 9003020029       | 70-36            |
| RAY, M J       | 9002260041       | 50-327 P         | RICHARDS, S A    | 9003150386       | 50-312 O         | RODEMAN, T J   | 9002270110*      | CONTRACT         |
| RAY, M J       | 9002260467       | 50-260 P         | RICHARDS, S A    | 9003230092       | 50-344 O         | RODRIGUEZ, J M | 9003010420       | PR               |
| RAY, M J       | 9002280536       | 50-259 P         | RICHARDS, S A    | 9003230096*      | 50-344 O         | ROGERS, J      | 9003080442       | 50-219 S         |
| RAY, M J       | 9002270047       | 50-327 F         | RICHARDS, S A    | 9003260182       | 50-275 O         | ROGERS, K C    | 9003130177       | COMMISSION       |
| RAY, M J       | 9002280103       | 50-259 P         | RICHARDS, S A    | 9003260170*      | 50-275 O         | ROGERS, K C    | 9003150277*      | COMMISSION       |
| RAY, M J       | 9002280291       | 50-327 P         | RICHARDSON, J E  | 9003230100       | REVIEW GR P      | ROGERS, L R    | 9003090403*      | FOIA             |
| RAY, M J       | 9003010333       | PR               | RICHARDSON, J L  | 9003120195       | TOPREP           | ROGERS, R D    | 9003120764       | NUREG            |
| RAY, M J       | 9003130376       | 50-259 P         | RICHIE, R B      | 9002270074       | 50-400 R         | ROGERS, T      | 9003140055       | 71-6717          |
| RAY, M L       | 9002260005       | 50-259 R         | RICHIE, R B      | 9003080139       | 50-400 O         | ROLFES, J      | 9003140147       | 50-265 S         |
| RAY, M L       | 9003010065       | 50-327 R         | RICHIE, R B      | 9003080358       | 50-400 R         | ROLLSTON, J A  | 9003190289       | NUREG            |
| REAVEAU, B K   | 9003140428       | 40-8084          | RICHIE, R B      | 9003080007       | 50-400 F         | ROLLSTON, J A  | 9003190293       | NUREG            |
| REAVEAU, B K   | 9003150472       | 40-8084          | RICHIE, R B      | 9003090512       | 50-400 R         | ROMINE, D T    | 9003070192*      | WASTE MGT        |
| REBER, E       | 9003080409       | I&E              | RICHIE, R B      | 9003130028       | 50-400 Q         | ROMINE, D T    | 9003070208*      | WASTE MGT        |
| REDER, T J     | 9003200100       | 50-282 S         | RICHIE, R B      | 9003200134       | 50-400 R         | ROOD, H        | 9002220614       | 50-275 P         |
| REDMOND, R F   | 9003120332       | 50-150 P         | RICHIE, R B      | 90032270341      | 50-400 O         | ROOD, H        | 9003010158       | 50-275 P         |
| REED, C        | 8909160653*      | 50-10 O          | RICHINS, W D     | 90022140101*     | 50-445 O         | ROOD, H        | 9003020336*      | 50-312 P         |
| REED, J A      | 9002140296*      | CONTRACT         | RICHTER, M H     | 9002280559       | 50-237 P         | ROOD, H        | 9003050991*      | 50-312 P         |
| REED, S A      | 9003210093       | PR               | RICHTER, M H     | 9003130545       | 50-237 P         | ROOD, H        | 9003070099       | 50-275 P         |
| REED, S A      | 9003210099       | PR               | RICHTER, M H     | 9003220210       | 50-254 P         | ROOD, H        | 9003080282*      | 50-361 P         |
| REED, T A      | 9002230550       | 50-424 P         | RICKETSON, L     | 9003080269*      | 50-128 O         | ROOD, H        | 9003150024       | 50-275 P         |
| REED, T A      | 9002270404       | 50-424 P         | RIDGWAY, K R     | 9003010201*      | 40-3392 F        | ROOD, H        | 9003160125       | 50-275 P         |
| REED, T A      | 9002280084       | 50-424 P         | RIDLEY, J        | 9002230443       | 50-255 F         | ROOD, H        | 9003150192*      | 50-275 P         |
| REED, T A      | 9003070204       | 50-424 P         | RIDLEY, J R      | 9002230332       | 50-255 F         | ROOD, H        | 9003150184       | 50-275 P         |
| REED, T A      | 9003090448       | 50-424 P         | RIEDLINGER, B A  | 9003210352*      | FOIA             | ROOD, H        | 9003150187*      | 50-275 P         |
| REED, T A      | 9003130585       | ORG              | RIEDLINGER, B A  | 9003210367*      | FOIA             | ROOD, H        | 9003200325       | 50-275 P         |
| REED, T A      | 9003140231       | 50-424 P         | RIGDON, K G      | 9003010308       | PR               | ROOD, H        | 9003200344       | 50-275 P         |
| REEVES, D L    | 9003010219       | 50-298 S         | RILEY, A D       | 9003010151*      | 40-3392?         | ROOD, H        | 9003260347       | 50-275 P         |
| REEVES, E A    | 9003230184       | 50-348 P         | RILEY, A D       | 9003010157*      | 40-3392          | ROOD, H        | 9003260351*      | 50-275 P         |
| REEVES, S R    | 9002280300*      | PROJ             | RILEY, A D       | 9003010162*      | 40-3392          | ROSA, F        | 9003140205       | 50-334 P         |
| REIL, K O      | 9003120772       | NUREG            | RILEY, A D       | 9003010163*      | 40-3392          | ROSEBOOM, G    | 9003100226       | WASTE MGT        |
| REINARZ, S J   | 9003220249       | PR               | RILEY, A D       | 9003010169*      | 40-3392          | ROSEN, S L     | 9002270064       | 50-498 P         |
| REINARZ, S J   | 9003220249       | PR               | RILEY, A D       | 9003010168*      | 40-3392          | ROSEN, S L     | 9003080202       | 50-498 P         |
| REIS, E J      | 9003010011       | 50-443 G         | RILEY, A D       | 9003010184*      | 40-3392          | ROSEN, S L     | 9003130489       | 50-498 P         |
| REIS, E J      | 9003010175       | 50-443 G         | RILEY, A D       | 9003010210*      | 40-3392          | ROSENBLUM, R M | 9002220423       | 50-206 P         |
| REIS, E J      | 9003010184*      | 50-443 G         | RILEY, A D       | 9003010214*      | 40-3392          | ROSENBLUM, R M | 9003230122       | 50-381 P         |
| REIS, E J      | 9003050041       | 50-443 G         | RILEY, A D       | 9003010220*      | 40-3392          | ROSENBLUM, R M | 9003260199       | 50-381 P         |
| REIS, E J      | 9003230112       | 50-443 G         | RILEY, A D       | 9003010228*      | 40-3392          | ROSENBLUM, R M | 9003260217       | 50-381 P         |
| REMICK, F J    | 8905180269*      | ACRS             | RILEY, A D       | 9003130098*      | 40-3392          | ROSENTHAL, A S | 9003050098*      | FOIA             |
| REMICK, F J    | 8905180286*      | ACRS             | RILEY, A D       | 9003130121*      | 40-3392          | ROSENTHAL, A S | 9003050103*      | FOIA             |
| REMICK, F J    | 8910060042       | 50-247 O         | RILEY, A D       | 9003130187*      | 40-3392          | ROSENTHAL, A S | 9003050105*      | FOIA             |

| AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------|---------------------|---------------------|-----------------|---------------------|---------------------|-----------------|---------------------|---------------------|
| ROSENTHAL,A.S.  | 8003050106*         | FOIA                | RUTHERFORD,P.D. | 9003190017          | 70-25               | SCARANO,R.A.    | 8003140180          | 50-275              |
| ROSENTHAL,A.S.  | 9003050107*         | FOIA                | RUTHERFORD,P.D. | 9003030125          | 70-25               | SCARANO,R.A.    | 9003160342          | 50-1257             |
| ROSENTHAL,A.S.  | 9003050108*         | FOIA                | RUZICKA,W.G.    | 9002280474          | 70-887              | SCARANO,R.A.    | 9003160344*         | 70-1257             |
| ROSENTHAL,A.S.  | 9003050110*         | FOIA                | RYAN,P.         | 9003120291*         | 40-2361             | SCARANO,R.A.    | 9003210075          | 50-528              |
| ROSENTHAL,A.S.  | 9003050115*         | FOIA                | RYDER,T.S.      | 9003140414          | 50-387              | SCARANO,R.A.    | 9003260241          | 50-288              |
| ROSENTHAL,A.S.  | 9003050118*         | FOIA                | RYDER,T.S.      | 9003230124          | 50-388              | SCHAPKER,J.F.   | 9003260163*         | 50-255              |
| ROSENTHAL,A.S.  | 9003050122*         | FOIA                | RYDER,T.S.      | 9003230219          | 50-387              | SCHAUWROECK,D   | 9003010050*         | 50-313              |
| ROSENTHAL,A.S.  | 9003050124*         | FOIA                | RYGE,P.         | 9003090424*         | NUREG               | SCHAUWROECK,D   | 9003200271          | 50-313              |
| ROSENTHAL,A.S.  | 9003050127*         | FOIA                | SAGER,D.A.      | 9002260449          | 50-335              | SCHUCHTER,H.B.  | 9002020161          | XP0RTLIC            |
| ROSENTHAL,A.S.  | 9003050131*         | FOIA                | SAGER,D.A.      | 9002270056          | 60-335              | SCHUENOST,R.L.  | 9003260411          | 50-263              |
| ROSENTHAL,A.S.  | 9003050134*         | 50-327              | SAGER,D.A.      | 9003020227          | 50-335              | SCHERER,A.E.    | 9003060080          | 71-6294             |
| ROSENTHAL,A.S.  | 9003050137*         | 50-327              | SAGER,D.A.      | 9003080110          | 50-335              | SCHERER,A.E.    | 9003140001          | TOPREP              |
| ROSENTHAL,J.E.  | 9003140284          | 50-278              | SAGER,D.A.      | 9003060138          | 50-389              | SCHERER,A.E.    | 9003150465*         | 71-6294             |
| ROSSI,C.E.      | 9002160093          | 50-3                | SAGER,D.A.      | 9003080224          | 50-335              | SCHERER,A.E.    | 9003200079          | 70-36               |
| ROSSI,C.E.      | 9002230293          | 50-3                | SAGER,D.A.      | 9003080110          | 50-335              | SCHERER,A.E.    | 9003260466          | 70-1100             |
| ROSSI,C.E.      | 9002230379          | 50-3                | SAGER,D.A.      | 9003080363          | 50-335              | SCHMIDT,C.      | 9003010435          | 40-8958             |
| ROSSI,C.E.      | 9002270389          | 50-3                | SAGER,D.A.      | 9003080492          | 50-335              | SCHMIDT,C.      | 9003020077          | 40-8783             |
| ROSSI,C.E.      | 90030310293         | 50-3                | SAGER,D.A.      | 9003090158          | 50-389              | SCHNAARS,G.D.   | 9003090048*         | 50-322              |
| ROSSI,C.E.      | 9003020211          | 50-3                | SAGER,D.A.      | 9003150418          | 50-335              | SCHNAARS,G.D.   | 9003090050*         | 50-322              |
| ROSSI,C.E.      | 9003050043          | 50-3                | SAGER,D.A.      | 9003150424          | 50-335              | SCHNAARS,G.D.   | 9003220106          | 50-322              |
| ROSSI,C.E.      | 9003050148          | 50-3                | SAGER,D.A.      | 9003150436          | 50-335              | SCHNEBLI,G.A.   | 9003090404*         | 50-250              |
| ROSSI,C.E.      | 9003080213          | 50-3                | SAGER,D.A.      | 9003160069          | 50-335              | SCHNEBLI,D.F.   | 9003090271          | 50-463              |
| ROSSI,C.E.      | 9003130012          | 50-3                | SAGER,D.A.      | 9003160318          | 50-335              | SCHNEBLI,D.F.   | 9003090492          | 50-463              |
| ROSSI,C.E.      | 9003160306          | 50-3                | SAGER,D.A.      | 90032800543         | 50-335              | SCHNEBLI,D.F.   | 9003140278          | 50-463              |
| ROSSI,C.E.      | 9003190349          | 50-3                | SAGER,D.A.      | 9003270063          | 50-335              | SCHNEBLI,D.F.   | 9003160103          | 50-463              |
| ROSSI,S.H.      | 9003150263*         | WASTE MGT           | SALOMON,S.      | 9002260211          | WASTE MGT           | SCHNEBLI,D.F.   | 9003160396          | 50-463              |
| ROTH,J.         | 9002220350*         | 70-887              | SAMPSON,P.      | 9003080256          | 50-373              | SCHNEBLI,D.F.   | 9003160231          | 50-463              |
| ROTH,J.         | 9003150239*         | 70-1100             | SAMWORTH,R.B.   | 9003010142          | 50-397              | SCHNEBLI,D.F.   | 9003160465          | 50-463              |
| ROTH,I.         | 9003190028          | 70-371              | SAMWORTH,R.B.   | 9003020032          | 50-397              | SCHNEBLI,D.F.   | 9003190265          | 50-463              |
| ROTH,J.         | 90031270224*        | 70-687              | SAMWORTH,R.B.   | 9003190071          | 50-397              | SCHNEBLI,D.F.   | 9003210016          | 50-463              |
| ROTHBERG,O.O.   | 9002140089*         | 50-445              | SAMWORTH,R.B.   | 9003190100          | 50-397              | SCHNEBLI,D.F.   | 9003230045          | 50-463              |
| ROTHFLEISCH,J.  | 90031330235*        | 40-3392             | SAMWORTH,R.B.   | 9003190127*         | 50-397              | SCHNEBLI,D.F.   | 9003270028          | 50-463              |
| ROTHLEDER,B.    | 9003070281          | NUREG               | SANDERS,L.R.    | 9003220068          | 50-373              | SCHNEIDER,H.S.  | 9003150222*         | ACRS                |
| ROUSE,L.C.      | 9003010031*         | 40-3392             | SANQUIST,G.M.   | 9002260393          | 50-72               | SCHOOF,G.M.     | 9003220335          | MISC                |
| ROUSE,L.C.      | 9003010041*         | 40-3392             | SANDS,S.P.      | 9003050085          | 50-426              | SCHROCK,V.E.    | 9002280228          | ACRS                |
| ROJSSO,S.       | 9003010477*         | WASTE MGT           | SAPORITO,R.     | 9003010047          | 50-250              | SCHULTEN,C.S.   | 9003090259          | REVIEW GR           |
| ROWDEN,M.A.     | 9003090497*         | 40-2061             | SAPORITO,T.J.   | 9003010035          | 50-250              | SCHULTZ,D.H.    | 9002140053*         | 50-445              |
| ROWE,J.M.       | 9003120067          | 50-184              | SAPORITO,T.J.   | 9003010043          | 50-250              | SCHULTZ,S.P.    | 9003270075          | 50-29               |
| ROWE,J.M.       | 9003120071*         | 50-184              | SAPORITO,T.J.   | 9003010066          | 50-250              | SCHUMACHER,D.F. | 9003110141          | 50-254              |
| ROY,G.W.        | 9003120102*         | 40-2061             | SAPORITO,T.J.   | 9003050373          | 50-250              | SCHUMACHER,M.   | 9002220075*         | 50-373              |
| ROY,G.W.        | 9003120465*         | 40-2061             | SAPORITO,T.J.   | 9003180053          | 50-250              | SCHUMACHER,M.   | 9003010218*         | 50-483              |
| ROY,G.W.        | 9003210322*         | 40-3392             | SAPORITO,T.J.   | 9003160030          | 50-250              | SCHUMACHER,M.   | 9003130293*         | 40-2081             |
| ROYACK,M.J.     | 9003260421*         | 50-381              | SAPORITO,T.J.   | 9003180108*         | 50-250              | SCHUMACHER,M.C. | 9002260534*         | 50-266              |
| ROYBAL,D.       | 9003010178          | 40-8584             | SAPORITO,T.J.   | 9003160122          | 50-250              | SCHUMACHER,M.C. | 9002270036*         | 50-456              |
| ROYBAL,D.       | 9003010203          | 40-8584             | SAPORITO,T.J.   | 9003190085          | 50-250              | SCHUMACHER,M.C. | 9002280256*         | 50-155              |
| ROYBAL,D.       | 9003150027          | 40-8584             | SAPORITO,T.J.   | 9003220089          | 50-250              | SCHUMACHER,M.C. | 9003130100*         | 40-2081             |
| ROYBAL,D.       | 9003150248          | 40-8584             | SARSOUR,B.      | 9003200330          | 50-346              | SCHUMACHER,M.C. | 9002230008*         | 50-237              |
| ROYBAL,D.       | 9003150349          | 40-8584             | SARTOR,W.       | 9003050062*         | 50-260              | SCHURTZ,G.D.    | 9003160113          | 40-8904             |
| RUFFIN,R.       | 9003080428          | 50-416              | SARTOR,W.M.     | 9003201019*         | 50-250              | SCHURTZ,G.D.    | 9003160114*         | 40-8904             |
| RUFFIN,S.R.     | 9002220434          | 50-267              | SAUER,R.E.      | 9003180252          | 27-48               | SCHUSTER,M.D.   | 9002280088*         | 50-73               |
| RUFFIN,S.R.     | 9003060173          | 50-267              | SAULSBERRY,D.   | 9003160340          | 50-368              | SCHUSTER,M.D.   | 9003020233*         | 50-130              |
| RUGER,C.        | 9003070201          | NUREG               | SAUNDERSON,R.   | 9003060014          | 50-410              | SCHUSTER,M.D.   | 9003190043*         | 50-326              |
| RUITER,G.H.     | 9003160219          | 50-305              | SAUNDERSON,R.   | 9003270023          | 50-410              | SCHUSTER,M.D.   | 9003210076*         | 50-528              |
| RULAND,W.H.     | 9002260329*         | 50-324              | SAXON,R.        | 9003180092          | 70-26               | SCHUSTER,T.K.   | 9002220465          | 50-454              |
| RULAND,W.H.     | 9003120057*         | 50-324              | SCACE,S.        | 9002220485          | 50-245              | SCHUSTER,T.K.   | 9003090150          | 50-454              |
| RUMPLE,R.       | 9003140466          | 60-324              | SCACE,S.        | 9003160058          | 50-245              | SCHUSTER,T.K.   | 9003160073*         | 50-304              |
| RUNYAN,M.F.     | 9002140075*         | 50-445              | SCACE,S.        | 9003160080          | 50-245              | SCHUSTER,T.K.   | 9003210137          | 50-304              |
| RUNYAN,M.F.     | 9002270451*         | 60-446              | SCACE,S.E.      | 9002220640          | 50-245              | SCHWIND,M.S.    | 9003050279*         | 40-772              |
| RUSANOWSKY,P.P. | 9003020069          | 60-387              | SCACE,S.E.      | 9002220640          | 50-245              | SCHWIND,M.S.    | 9003050280*         | 40-772              |
| RUSANOWSKY,P.P. | 9003080039          | 50-387              | SCACE,S.E.      | 9002220666          | 50-423              | SCOTT,J.        | 9003010131          | 70-25               |
| RUSSEL,W.T.     | 9002200270          | 50-277              | SCACE,S.E.      | 9002220666          | 50-423              | SCOTT,J.        | 9003050010          | 70-25               |
| RUSSELL,J.      | 9002260586*         | 50-312              | SCACE,S.E.      | 9002270020          | 50-423              | SCOTT,J.        | 9003190008          | 70-25               |
| RUSSELL,J.      | 9003070313*         | 50-312              | SCACE,S.E.      | 9002270029          | 50-423              | SCOTT,J.        | 9003230069          | 70-25               |
| RUSSELL,J.      | 9003160315          | 50-286              | SCACE,S.E.      | 9002270060          | 50-423              | SCOTT,M.A.      | 9002280307*         | 50-335              |
| RUSSELL,J.      | 9003260330*         | 50-520              | SCACE,S.E.      | 9002270060          | 50-423              | SCOTT,M.A.      | 9003210041*         | 50-335              |
| RUSSELL,J.E.    | 9002220405          | 60-286              | SCACE,S.E.      | 9003020065          | 50-245              | SCOTT,R.B.      | 9003090365*         | FOIA                |
| RUSSELL,J.E.    | 9003010030          | 50-286              | SCACE,S.E.      | 9003020065          | 50-245              | SCOVILL,V.      | 8610230186*         | FOIA                |
| RUSSELL,J.E.    | 9003080097          | 50-286              | SCACE,S.E.      | 9003080237          | 50-423              | SCOVILL,V.R.    | 8705180340*         | PT21                |
| RUSSELL,J.E.    | 9003160104          | 50-286              | SCACE,S.E.      | 9003080237          | 50-423              | SCRAMBACK,G.B.  | 9003210250          | PT21                |
| RUSSELL,J.E.    | 9003160507          | 50-286              | SCACE,S.E.      | 9003070395          | 50-338              | SCRAMBACK,G.B.  | 9003210258          | PT21                |
| RUSSELL,L.B.    | 9003190248          | 50-317              | SCACE,S.E.      | 9003070395          | 50-338              | SEARS,C.F.      | 9003080288          | 50-245              |
| RUSSELL,W.T.    | 9002220427          | 50-443              | SCACE,S.E.      | 9003090431          | 50-423              | SEARS,C.F.      | 9003080285          | 50-245              |
| RUSSELL,W.T.    | 9002220644          | 50-352              | SCACE,S.E.      | 9003130601          | 50-423              | SEARS,P.M.      | 9002280111          | 50-29               |
| RUSSELL,W.T.    | 9002260542          | 50-293              | SCACE,S.E.      | 9003130601          | 50-423              | SEARS,P.M.      | 9003090479          | 50-29               |
| RUSSELL,W.T.    | 9002270314          | 50-334              | SCACE,S.E.      | 9003130605          | 50-245              | SEARS,P.M.      | 9003120666          | 50-28               |
| RUSSELL,W.T.    | 9002270427          | 50-293              | SCACE,S.E.      | 9003160175          | 60-423              | SEARS,P.M.      | 9003130667          | 50-28               |
| RUSSELL,W.T.    | 9003260276          | 60-309              | SCACE,S.E.      | 9003160175          | 50-423              | SEARS,P.M.      | 9003140281          | 50-29               |
| RUSSELL,W.T.    | 9003050174          | 50-352              | SCACE,S.E.      | 9003180204          | 50-245              | SEARS,P.M.      | 9003160188          | 50-28               |
| RUSSELL,W.T.    | 9003080523*         | 50-443              | SCACE,S.E.      | 9003160204          | 50-245              | SEARS,P.M.      | 9003150255          | 50-28               |
| RUSSELL,W.T.    | 9003130054          | 50-220              | SCACE,S.E.      | 9003200321          | 50-338              | SEARS,P.M.      | 9003230039          | 50-28               |
| RUSSELL,W.T.    | 9003130058*         | 50-220              | SCACE,S.E.      | 9003200321          | 50-338              | SEGNER,E.P.     | 9003180374*         | CONTRACT            |
| RUSSELL,W.T.    | 9003130688*         | 50-317              | SCALETTI,D.C.   | 9003280162          | 50-805              | SEIBERLING,R.K. | 9003300145*         | 60-443              |
| RUSSELL,W.T.    | 9003140427          | 50-286              | SCALETTI,D.C.   | 9003080256          | 50-805              | SEIDLE,W.C.     | 9003140014*         | 50-298              |
| RUSSELL,W.T.    | 9003160116          | 60-317              | SCALETTI,D.C.   | 9003200064          | 50-805              | SEIDLE,W.C.     | 9003260535*         | 50-285              |
| RUSSELL,W.T.    | 9003160120          | 60-317              | SCARANO,R.A.    | 9003090061          | 50-206              | SEJKORA,K.J.    | 9003060255          | 60-293              |
| RUSSELL,W.T.    | 9003200136          | 50-271              | SCARANO,R.A.    | 9003090133          | 50-275              | SERPAN,G.Z.     | 9003120480*         | PR                  |
| RUSSELL,W.T.    | 9003260009          | 60-443              | SCARANO,R.A.    | 9003090149          | 60-312              | SETH,D.W.       | 9003220095          | 40-2081             |
| RUSSELL,W.T.    | 9003270055          | 60-443              | SCARANO,R.A.    | 9003120076          | 50-276              | SETSER,J.L.     | 8908240273*         | FOIA                |

| AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| SETSER, J.L.     | 9003190259       | NL REG           | SHIRAKI, C.Y.    | 9003220302       | 50-354           | SMITH, D.M.      | 9003150426       | 50-277           |
| SEXTON, T.       | 9003010340       | PR               | SHIRAKI, C.Y.    | 9003220441       | 50-354           | SMITH, D.M.      | 9003150483       | 50-278           |
| SEYMOUR, D.A.    | 9002230370*      | 70-1113          | SHORTRIDGE, R.B. | 9003220155*      | 50-324           | SMITH, D.M.      | 9003190140       | 50-276           |
| SHACKLETON, O.C. | 9003190163*      | FOIA             | SHYMLLOCK, M.B.  | 9002230541*      | 50-269           | SMITH, D.M.      | 9003220048       | 50-277           |
| SHAFER, W.       | 9003160338       | 50-235           | SHYMLLOCK, M.B.  | 9002230545*      | 50-413           | SMITH, D.M.      | 9003220050       | 50-277           |
| SHAFER, W.       | 9003220056       | 50-254           | SHYMLLOCK, M.B.  | 9002260097*      | 50-369           | SMITH, D.M.      | 9003220289       | 50-277           |
| SHAFER, W.D.     | 90032260345      | 50-254           | SHYMLLOCK, M.B.  | 9003130094*      | 50-269           | SMITH, G.        | 9002270445*      | 50-283           |
| SHAFER, W.D.     | 9002260477       | 50-254           | SHYMLLOCK, M.B.  | 9003270198*      | 50-369           | SMITH, G.C.      | 9003070348*      | 50-352           |
| SHAFER, W.D.     | 9003310329*      | 40-3392          | SHYMLLOCK, M.B.  | 9003210007*      | 50-413           | SMITH, H.        | 9003050274       | 50-455           |
| SHAFER, W.D.     | 90033260098      | 50-456           | SIACOR, E.R.     | 9002220854       | 50-206           | SMITH, H.        | 9003210028       | 50-295           |
| SHAFER, W.D.     | 9003120275       | 50-237           | SIACOR, E.R.     | 9003200124       | 50-206           | SMITH, J.        | 9003010350       | PR               |
| SHAFER, W.D.     | 9003120449       | 50-454           | SIACOR, E.R.     | 9003230101*      | 50-361           | SMITH, J.        | 9003010451       | PR               |
| SHAFER, W.D.     | 9003200014       | 50-373           | SIEBER, J.D.     | 9002220635       | 50-334           | SMITH, J.F.      | 9003120241       | 50-237           |
| SHAFER, W.D.     | 9003200015*      | 50-373           | SIEBER, J.D.     | 9002260253       | 50-334           | SMITH, L.P.      | 9003140356*      | CONTRACT         |
| SHAFER, R.       | 9003020103       | 40-8991          | SIEBER, J.D.     | 9002260580       | 50-334           | SMITH, P.A.      | 9002140292       | CONTRACT         |
| SHAFER, R.       | 9003020106       | 40-4492          | SIEBER, J.D.     | 9002270389       | 50-334           | SMITH, R.E.      | 9002260459       | 50-244           |
| SHAFER, R.       | 9003160108       | 40-4492          | SIEBER, J.D.     | 9003050084       | 50-334           | SMITH, R.E.      | 9002260461*      | 50-244           |
| SHAFER, J.       | 9003050275       | 27-48            | SIEBER, J.D.     | 9003030473       | 50-334           | SMITH, R.E.      | 9003010262       | 50-244           |
| SHANBAKY, M.     | 9002270132       | I&E              | SIEBER, J.D.     | 9003120035       | 50-334           | SMITH, R.E.      | 9003010264*      | 50-244           |
| SHANBAKY, M.     | 9003090249       | I&E              | SIEBER, J.D.     | 9003120091       | 50-334           | SMITH, R.E.      | 9003270044       | 50-244           |
| SHANBAKY, M.     | 9003080418       | I&E              | SIEBER, J.D.     | 9003120354       | 50-334           | SMITH, R.E.      | 9003270046*      | 50-244           |
| SHANBAKY, M.     | 9003150235       | I&E              | SIEBER, J.D.     | 9003140188       | 50-334           | SMITH, R.W.      | 9003090466*      | FOIA             |
| SHANBAKY, M.     | 9003260447       | I&E              | SIEBER, J.D.     | 9003150371       | 50-412           | SMITH, S.        | 9003160104       | 50-286           |
| SHANBAKY, M.M.   | 9002270160       | I&E              | SIEBER, J.D.     | 9003160139       | 50-334           | SMYTH, C.W.      | 9003200189       | 50-289           |
| SHANK, K.E.      | 9003080483       | 50-387           | SIEBER, J.D.     | 9003190188       | 50-334           | SMYTH, J.D.      | 9003060382       | WASTE MGT        |
| SHANNON, M.      | 9003210065*      | 50-400           | SIEBER, J.D.     | 9003200237       | 50-334           | SNELL, W.        | 9003010381*      | 40-3392          |
| SHAO, L.         | 9007260340*      | PR               | SIEGEL, B.       | 9003060183       | 50-237           | SNELL, W.        | 900310173*       | 70-35            |
| SHAPKEY, J.      | 9003200021       | 50-440           | SIEGEL, B.       | 9003070053       | 50-249           | SNELL, W.        | 9003190348*      | 50-295           |
| SHAPPE, P.R.     | 9002260152*      | COMMISSION       | SIEGEL, B.L.     | 9002270432       | 50-237           | SNELL, W.        | 9003190380*      | 50-283           |
| SHAW, J.         | 9003010327       | PR               | SIEGEL, B.L.     | 9003060162       | 50-249           | SNIEZEK, J.H.    | 9002140032*      | 50-445           |
| SHEA, J.R.       | 9003060243*      | ORG              | SIEGEL, B.L.     | 9003150474       | 50-237           | SNIEZEK, J.H.    | 9003060071*      | FOIA             |
| SHEALY, H.G.     | 9003150471       | STATE PRO G      | SIEGEL, B.L.     | 9003200249       | 50-237           | SNIEZEK, J.H.    | 9003120113       | ORG              |
| SHEEHAN, D.      | 9003220192       | 50-235           | SILADY, J.A.     | 9003070048       | 50-456           | SNYDER, J.E.     | 9003210341       | 50-370           |
| SHEFFEL, B.J.    | 9003070346       | 50-341           | SILADY, J.A.     | 9003090096       | 50-237           | SOONG, S.        | 9002260168*      | 70-27            |
| SHELLEY, W.J.    | 9003120748*      | 40-2061          | SILADY, J.A.     | 9003220197       | 50-237           | SOONG, S.        | 9002260197       | 70-143           |
| SHELLEY, W.J.    | 9003130070*      | 70-825           | SILVER, H.       | 9002260405       | 50-302           | SORENSEN, G.C.   | 9002220808       | 50-397           |
| SHELLEY, W.J.    | 9003130258*      | 40-2061          | SILVER, H.       | 9003050258       | 50-302           | SORENSEN, G.C.   | 9002260271       | 50-397           |
| SHELDON, D.      | 9002260103*      | WASTE MGT        | SILVER, H.       | 9003160152       | 50-302           | SORENSEN, G.C.   | 9002270034       | 50-397           |
| SHELDON, D.      | 9003010477*      | WASTE MGT        | SILVER, H.       | 9003160154*      | 50-302           | SORENSEN, G.C.   | 9003080203       | 50-397           |
| SHELDON, D.E.    | 9002260093       | WASTE MGT        | SILVER, H.       | 9003200127       | 50-302           | SORENSEN, G.C.   | 9003090318       | 50-397           |
| SHELTON, D.C.    | 9002220507       | 50-346           | SILVER, H.       | 9003260126       | 50-302           | SORENSEN, G.C.   | 9003130355       | 50-387           |
| SHELTON, D.C.    | 9002230240       | 50-346           | SIMMONS, P.      | 9003090512       | 50-400           | SORENSEN, G.C.   | 9003130404       | 50-397           |
| SHELTON, D.C.    | 9002260202       | 50-346           | SIMON, P.        | 9003130839*      | 40-2081          | SORENSEN, G.C.   | 9003160117       | 50-460           |
| SHELTON, D.C.    | 9002270205       | 50-346           | SIMS, R.G.       | 9003010079*      | 50-327           | SORENSEN, G.C.   | 9003160125       | 50-397           |
| SHELTON, D.C.    | 9002270211*      | 50-346           | SINGER, B.       | 9003210136*      | FOIA             | SORENSEN, G.C.   | 9003160126       | 50-508           |
| SHELTON, D.C.    | 9002270228       | 50-346           | SINGER, B.       | 9003210141*      | FOIA             | SORENSEN, G.C.   | 9003160487       | 50-397           |
| SHELTON, D.C.    | 9003020128       | 50-346           | SINGER, B.       | 9003210154*      | FOIA             | SORENSEN, G.C.   | 9003210063       | 50-397           |
| SHELTON, D.C.    | 9003020131       | 50-346           | SINGER, B.       | 9003210172*      | FOIA             | SORENSEN, G.C.   | 9003220317       | 50-397           |
| SHELTON, D.C.    | 9003020135       | 50-346           | SINGER, B.       | 9003210180*      | FOIA             | SOVELL, L.L.     | 9003060210*      | 70-33            |
| SHELTON, D.C.    | 9003050293       | 50-346           | SINGH, A.        | 9003120617*      | 50-458           | SPANGENBERG, F.  | 9002280249       | 50-461           |
| SHELTON, D.C.    | 9003060019       | 50-346           | SINGH, A.        | 9003140014*      | 50-288           | SPANGENBERG, F.  | 9003010447       | 71-6601          |
| SHELTON, D.C.    | 9003140203       | 50-346           | SINGH, A.        | 9003260535*      | 50-285           | SPANGENBERG, F.  | 9003020048       | 50-461           |
| SHELTON, D.C.    | 9003140313       | 50-346           | SINKULE, M.V.    | 9003260301       | 50-335           | SPANGENBERG, F.  | 9003020048       | 50-461           |
| SHELTON, D.C.    | 9003150308       | 50-346           | SINKULE, M.V.    | 9003300310       | 50-302           | SPANGENBERG, F.  | 9003070082       | 50-461           |
| SHELTON, D.C.    | 9003230169       | PR               | SINKULE, M.V.    | 9003190228       | 50-250           | SPANGENBERG, F.  | 9003200192       | 50-461           |
| SHEMANSKI, P.C.  | 9002260038       | 50-373           | SIPA, A.         | 9003060015       | 50-369           | SPANGENBERG, F.  | 9003220234       | 50-481           |
| SHEMANSKI, P.C.  | 9003080289       | 50-454           | SIPA, A.         | 9003140010       | 50-369           | SPARLING, D.K.   | 9003160056       | 40-8881          |
| SHEMANSKI, P.C.  | 9003130757       | 50-454           | SIPA, A.         | 9003260559       | 50-369           | SPITZBERG, D.B.  | 9003010482*      | 40-8027          |
| SHEMANSKI, P.C.  | 9003200352       | 50-454           | SIPPE, J.R.      | 9003090512       | 50-400           | SPITZBERG, D.B.  | 9003060040*      | 50-445           |
| SHEMBARGER, K.   | 9002260272*      | 50-315           | SIPPE, H.B.      | 9003090374*      | FOIA             | SPRINGER, R.     | 9003270411       | 40-2061          |
| SHEMBARGER, K.   | 9003150049*      | 50-188           | SISCO, C.        | 9003130041*      | 50-293           | SPRUNG, J.L.     | 9003190289       | NL REG           |
| SHEPARD, D.      | 9002260272*      | 50-315           | SISCO, C.        | 9003020079*      | 50-245           | SRENIAWSKI, D.   | 9003020163       | 40-3392          |
| SHEPHERD, J.L.   | 9003070084       | 71-6280          | SJOBLOM, G.L.    | 9002230087       | 50-317           | SRENIAWSKI, D.   | 9003070076       | I&E              |
| SHERBINI, S.     | 9002220373*      | 50-289           | SJOBLOM, G.L.    | 9002230099*      | 50-317           | SRENIAWSKI, D.J. | 9002270283*      | 70-8             |
| SHERBINI, S.     | 9003160268*      | 50-219           | SJOBLOM, G.L.    | 9003210064*      | FOIA             | SRENIAWSKI, D.J. | 9003010332*      | 40-3392          |
| SHIFFER, J.D.    | 9002230523       | 50-275           | SJOBLOM, G.L.    | 9003230301       | 40-1478          | SRENIAWSKI, D.J. | 9003010333*      | 40-3392          |
| SHIFFER, J.D.    | 9002260371       | 50-275           | SKINNER, P.H.    | 9002230541*      | 50-269           | ST LAURENT, N.M. | 9003050263       | 50-28            |
| SHIFFER, J.D.    | 9003230117       | 50-323           | SKINNER, P.H.    | 9003130094*      | 50-269           | STAFFIERI, V.A.  | 9003230177*      | 50-322           |
| SHIFFER, J.D.    | 9003230119*      | 50-323           | SKORCHOD, P.M.   | 9003130781       | 71-363           | STAFFORD, A.H.   | 9002270266       | 60-338           |
| SHIFFER, J.D.    | 9003080294       | 50-323           | SKOW, M.E.       | 9003230215*      | 50-482           | STAIR, J.R.      | 9003070295*      | 50-387           |
| SHIFFER, J.D.    | 9003080391       | 50-275           | SKOW, M.E.       | 9003230226*      | 50-498           | STALKER, K.T.    | 9003120772       | NL REG           |
| SHIFFER, J.D.    | 9003080398       | 50-275           | SLIFER, B.C.     | 9003220283*      | 50-277           | STALLMAN, R.M.   | 9003220116       | 71-9152          |
| SHIFFER, J.D.    | 9003090168       | 50-275           | SLY, C.D.        | 9003010278       | 50-317           | STANG, J.F.      | 9002220498       | 50-341           |
| SHIFFER, J.D.    | 9003090258       | 50-275           | SLY, C.D.        | 9003140377       | 50-318           | STANG, J.F.      | 9002270040       | 50-341           |
| SHIFFER, J.D.    | 9003090261*      | 50-275           | SMEDLEY, R.W.    | 9003020169       | 50-255           | STANG, J.F.      | 9002270084       | 50-341           |
| SHIFFER, J.D.    | 9003150108       | 50-275           | SMEDLEY, R.W.    | 9003150096       | 50-255           | STANLEY          | 9003220082       | 50-387           |
| SHIFFER, J.D.    | 9003150450       | 50-275           | SMEDLEY, R.W.    | 9003260285       | 50-255           | STANLEY, H.G.    | 9002220812       | 50-387           |
| SHIFFER, J.D.    | 9003160278       | 50-275           | SMITH            | 9003010346       | PR               | STANLEY, H.G.    | 9003020069       | 50-387           |
| SHIFFER, J.D.    | 9003200402       | 50-275           | SMITH, C.        | 9003210037*      | 50-302           | STANLEY, H.G.    | 9003070108       | 50-387           |
| SHIFFER, J.D.    | 9003210114       | 50-275           | SMITH, D.        | 9003090132       | 50-278           | STANLEY, H.G.    | 9003070116       | 50-388           |
| SHIFFER, J.D.    | 9003210117*      | 50-275           | SMITH, D.B.      | 9003200399       | 50-277           | STANLEY, H.G.    | 9003080034       | 50-387           |
| SHIFFER, J.D.    | 9003220261       | 50-275           | SMITH, D.M.      | 9002260333       | 50-277           | STANLEY, H.G.    | 9003080039       | 50-387           |
| SHIFFER, J.D.    | 9003230150       | PR               | SMITH, D.M.      | 9002270106       | 50-277           | STANLEY, H.G.    | 9003140414       | 50-387           |
| SHIFFER, J.D.    | 9003270377       | 50-275           | SMITH, D.M.      | 9002270460       | 50-277           | STANLEY, H.G.    | 9003220265       | 50-387           |
| SHIFFLETT, D.R.  | 9003010425       | PROJ             | SMITH, D.M.      | 9003202049       | 50-277           | STANLEY, H.G.    | 9003230124       | 50-388           |
| SHIRAKI, C.      | 9003150110       | 50-354           | SMITH, D.M.      | 9003060303       | 50-277           | STANLEY, H.G.    | 9003230219       | 50-387           |
| SHIRAKI, C.Y.    | 9002220274       | 50-311           | SMITH, D.M.      | 9003080112       | 50-277           | STANSBERRY, W.   | 9003200075*      | 50-348           |
| SHIRAKI, C.Y.    | 9003150290       | 50-354           | SMITH, D.M.      | 9003080281       | 50-278           | STANSBERRY, W.W. | 9003120013*      | 50-348           |

| AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |             |            |
|-----------------|---------------------|---------------------|--------|---------------------|---------------------|-------------|---------------------|---------------------|-------------|------------|
| STARKEY,R.B.    | 0002260085          | 50-324              | R      | STICE,D.L.          | 9003010476*         | 50-285      | R                   | SWINK,H.            | 9003010368  | PR         |
| STARKEY,R.B.    | 9003020234          | 50-324              | V      | STICE,D.L.          | 9003220195          | 50-285      | R                   | SYLVIA B.R.         | 9003050187  | 50-341     |
| STARKEY,R.B.    | 9003050241*         | 50-324              | Q      | STILTENPOLE,B.      | 9002260533          | WASTE MGT   |                     | SYLVIA B.R.         | 9003070346  | 50-341     |
| STARKEY,R.B.    | 9003220053          | 50-324              | Q      | STILTENPOLE,B.      | 9003070285          | WASTE MGT   |                     | SYLVIA B.R.         | 9003080381  | 50-341     |
| STARKEY,R.D.    | 9003220150*         | 50-424              | Q      | STOBBS,J.J.         | 9002230527          | 71-9225     |                     | SYLVIA B.R.         | 9003130264  | 50-341     |
| STARKEY,R.S.    | 9003060086          | 50-382              | S      | STOBBS,J.J.         | 9003010493          | 71-18       |                     | SYLVIA B.R.         | 9003130285  | 50-341     |
| STAUFFER,G.     | 9003010052          | 50-454              | S      | STOBBS,J.J.         | 9003080136          | 71-18       |                     | SYLVIA B.R.         | 9003150375  | 50-341     |
| STAUTER,J.C.    | 9003230310          | 70-1193             |        | STOHR,J.P.          | 9003050057          | 60-280      | Q                   | SYLVIA B.R.         | 9003150399  | 50-341     |
| STAYER,P.R.     | 9003050054          | FOIA                |        | STOHR,J.P.          | 9003210113          | 50-250      | Q                   | SYLVIA B.R.         | 9003160214  | 50-341     |
| STEELE,R.       | 9002230506*         | 50-255              | P      | STOHR,J.P.          | 9003220149          | 50-324      | Q                   | SYLVIA B.R.         | 9003160499  | 50-341     |
| STEELE,R.       | 9002230506*         | 50-255              | P      | STOHR,J.P.          | 9003220152*         | 50-324      | Q                   | SYLVIA B.R.         | 9003210008  | 50-341     |
| STEIGER,W.E.    | 9002280061          | 50-322              | P      | STOHR,J.P.          | 9003220169          | 50-280      | Q                   | SZWEJKOWSKI,J.      | 9003120346  | 50-440     |
| STEIGER,W.E.    | 9002280063*         | 50-322              | P      | STOLBA,F.B.         | 9003200166          | 50-408      | S                   | TABOR,W.F.          | 9003080114  | 50-387     |
| STEIGER,W.E.    | 9003050251          | 50-322              | F      | STOLL,C.H.          | 9002220498*         | 50-333      | P                   | TAM,P.S.            | 9002260296  | 50-334     |
| STEIGER,W.E.    | 9003050266          | 50-322              | R      | STOLLS,R.           | 9003060166          | 50-264      | P                   | TAM,P.S.            | 9002260531  | 50-334     |
| STEIGER,W.E.    | 9003070111          | 50-322              | R      | STOLLS,R.           | 9003220016          | 50-254      | P                   | TAM,P.S.            | 9003010130  | 50-334     |
| STEIGER,W.E.    | 9003130099          | 50-322              | P      | STOLZ,J.F.          | 9003220389*         | 50-423      | P                   | TAM,P.S.            | 9003070236  | 50-334     |
| STEIGER,W.E.    | 9003150154          | 50-322              | V      | STOLZ,J.F.          | 9002260561*         | 50-213      | P                   | TAM,P.S.            | 9003090008  | 50-412     |
| STEIGER,W.E.    | 9003200345          | 50-322              | P      | STOLZ,J.F.          | 9002270356*         | 50-280      | P                   | TAM,P.S.            | 9003150229  | 50-334     |
| STEIGER,W.E.    | 9003220319          | 50-322              | R      | STOLZ,J.F.          | 9003010110*         | 50-320      | P                   | TAM,P.S.            | 9003160031  | 50-412     |
| STEIGER,W.E.    | 9003230205          | 50-322              | P      | STOLZ,J.F.          | 9003050075*         | 50-423      | P                   | TAM,P.S.            | 9003210018  | 50-334     |
| STEIGER,W.W.    | 9003230175          | 50-322              | P      | STOLZ,J.F.          | 9003080911*         | 50-412      | P                   | TAPPEN,J.J.         | 9003180150* | WASTE MGT  |
| STEIN,R.        | 9002260524          | WASTE MGT           |        | STOLZ,J.F.          | 9003120095          | 50-219      | P                   | TATUM,J.E.          | 9002280265  | 50-206     |
| STEIN,R.        | 9003080360          | WASTE MGT           |        | STOLZ,J.F.          | 9003160389*         | 50-423      | P                   | TATUM,J.E.          | 9003020205  | 50-206     |
| STEIN,R.        | 9003120771          | WASTE MGT           |        | STOLZ,J.F.          | 9003200085*         | 50-219      | P                   | TATUM,J.E.          | 9003020217  | 50-206     |
| STEIN,R.        | 9003190018          | WASTE MGT           |        | STOLZ,J.F.          | 9003200148*         | 50-423      | P                   | TATUM,J.E.          | 9003130281  | 50-206     |
| STEIN,R.        | 9003220105          | WASTE MGT           |        | STOLZ,J.F.          | 9003200359*         | 50-213      | P                   | TATUM,J.E.          | 9003130285  | 50-206     |
| STEINBRECHER,H. | 9003120769          | NUREG               |        | STONE,J.C.          | 9002220274          | 50-311      | P                   | TATUM,J.E.          | 9003200364  | 50-206     |
| STEINHARDT,C.R. | 9003270364          | 50-305              | P      | STONE,J.C.          | 9002220415          | 50-272      | P                   | TAYLOR,D.           | 9003090166* | 50-295     |
| STEINHART,C.R.  | 9002260378          | 50-305              | P      | STONE,J.C.          | 9002260573          | 50-272      | P                   | TAYLOR,G.W.         | 9003010453  | 71-6717    |
| STEINKE,R.N.    | 9003130315          | 50-260              | R      | STONE,J.C.          | 9003080393          | 50-311      | P                   | TAYLOR,J.C.         | 9003090339* | 50-369     |
| STELLO,V.       | 8902170480*         | FOIA                |        | STONE,J.C.          | 9003190092          | 50-272      | P                   | TAYLOR,J.D.         | 9002110163* | 50-445     |
| STELLO,V.       | 8906220156          | 50-220              | P      | STONE,J.C.          | 9003190301          | 50-272      | P                   | TAYLOR,J.H.         | 9002260045  | TOPREP     |
| STELLO,V.       | 8906220160          | 50-317              | P      | STONE,J.C.          | 9003260282          | 50-272      | P                   | TAYLOR,J.H.         | 9003260086  | TOPREP     |
| STELLO,V.       | 8906220164          | 50-250              | P      | STONE,J.C.          | 9003260313          | 50-272      | P                   | TAYLOR,J.H.         | 9003260135  | TOPREP     |
| STELLO,V.       | 8906220167          | 50-293              | P      | STONE,J.C.          | 9003260327          | 50-272      | P                   | TAYLOR,J.M.         | 8909080072* | FOIA       |
| STELLO,V.       | 8906220179          | 50-277              | P      | STONE,J.C.          | 9003260337          | 50-272      | P                   | TAYLOR,J.M.         | 8912050028  | 50-289     |
| STELLO,V.       | 9003090077          | 50-280              | P      | STORZ,L.F.          | 9002260212          | 50-346      | S                   | TAYLOR,J.M.         | 8912140314  | SECY       |
| STELLO,V.       | 9003090111          | 50-269              | S      | STORZ,L.F.          | 9002270060          | 50-346      | S                   | TAYLOR,J.M.         | 8912140326* | 50-445     |
| STELLO,V.       | 9003090130          | 50-341              | P      | STORZ,L.F.          | 9003050284          | 50-346      | S                   | TAYLOR,J.M.         | 8912270136* | COMMISSION |
| STELLO,V.       | 9003120231*         | PR                  |        | STORZ,L.F.          | 9003080237          | 50-346      | R                   | TAYLOR,J.M.         | 9001220169  | 50-344     |
| STELLO,V.       | 9003130556*         | FOIA                |        | STORZ,L.F.          | 9003150080          | 50-364      | S                   | TAYLOR,J.M.         | 9001290276  | SECY       |
| STELLO,V.       | 9003130566*         | FOIA                |        | STORZ,L.F.          | 9003200330          | 50-346      | R                   | TAYLOR,J.M.         | 9002080106  | SECY       |
| STELLO,V.       | 9003190086*         | FOIA                |        | STORZ,L.F.          | 9003230058          | 50-346      | S                   | TAYLOR,J.M.         | 9002120354  | SECY       |
| STELLO,V.       | 9003210252*         | 50-443              | P      | STORZ,L.F.          | 9003230107          | 50-346      | S                   | TAYLOR,J.M.         | 9002160171  | 50-220     |
| STEMPLE,P.J.    | 9003120277*         | CONTRACT            |        | STORZ,L.F.          | 9003260350          | 50-346      | S                   | TAYLOR,J.M.         | 9002160177  | SECY       |
| STEPHENSON,J.D. | 9003150478          | 50-302              | F      | STOTZ,J.C.          | 9002280212          | 50-346      | S                   | TAYLOR,J.M.         | 9002220528  | 50-220     |
| STERLING,E.C.   | 9002260401          | TOPREP              |        | STOTZ,J.C.          | 9003050284          | 50-346      | S                   | TAYLOR,J.M.         | 9002220543  | 50-602     |
| STERLING,E.C.   | 9003210139          | PR                  |        | STOTZ,J.C.          | 9003150080          | 50-346      | S                   | TAYLOR,J.M.         | 9002230077  | 50-317     |
| STERLING,E.C.   | 9003210230          | TOPREP              |        | STOTZ,J.C.          | 9003230107          | 50-346      | S                   | TAYLOR,J.M.         | 9002230381  | COMMISSION |
| STETKA,T.F.     | 9003020164          | 50-458              | S      | STOTZ,J.C.          | 9003260350          | 50-346      | S                   | TAYLOR,J.M.         | 9002230511  | 50-280     |
| STETKA,T.F.     | 9003120617*         | 50-458              | Q      | STOVAL,W.D.         | 9003160320*         | CONTRACT    |                     | TAYLOR,J.M.         | 9002280006  | 50-277     |
| STETKA,T.F.     | 9003160456*         | 50-458              | Q      | STOWE,R.S.          | 9003120500*         | 40-2061     |                     | TAYLOR,J.M.         | 9002280007  | 50-283     |
| STETKA,T.F.     | 9003200226*         | 50-445              | Q      | STRAMFORD,R.J.      | 9003200020          | XPORTLIC    |                     | TAYLOR,J.M.         | 9002280009  | 50-260     |
| STETKA,T.F.     | 9003270321*         | 50-298              | Q      | STRAMBACK,G.B.      | 9003210254          | PT21        |                     | TAYLOR,J.M.         | 9002280011  | 50-259     |
| STETZ,J.P.      | 9003130605          | 50-245              | S      | STRANG,J.           | 9003010316          | PR          |                     | TAYLOR,J.M.         | 9002280024  | 50-220     |
| STEVENSON,J.D.  | 9002280241          | ACRS                |        | STRASMA,J.          | 9003120322*         | 40-2061     |                     | TAYLOR,J.M.         | 9002280552  | COMMISSION |
| STEWART,R.C.    | 9003020184*         | 50-313              | Q      | STRASMA,J.          | 9003230016          | 40-2061     |                     | TAYLOR,J.M.         | 9003020134  | 70-25      |
| STEWART,R.C.    | 9003220146*         | 50-285              | Q      | STRATFORD,R.J.      | 9003120408          | XPORTLIC    |                     | TAYLOR,J.M.         | 9003050169  | 50-446     |
| STEWART,R.C.    | 9003270021*         | 50-285              | Q      | STRATFORD,R.J.      | 9003150054          | XPORTLIC    |                     | TAYLOR,J.M.         | 9003050297* | 50-446     |
| STEWART,W.L.    | 9002220547          | 50-280              | Q      | STRATFORD,R.J.      | 9003160147          | XPORTLIC    |                     | TAYLOR,J.M.         | 9003080112  | SECY       |
| STEWART,W.L.    | 9002260095          | 50-338              | F      | STRATFORD,R.J.      | 9003220183          | XPORTLIC    |                     | TAYLOR,J.M.         | 9003080125  | SECY       |
| STEWART,W.L.    | 9002260098          | 50-338              | F      | STRINGFIELD,H.      | 71-185              |             | Q                   | TAYLOR,J.M.         | 9003080130  | SECY       |
| STEWART,W.L.    | 9002260379          | 50-338              | V      | STRONG,T.R.         | 9003160026          | STATE PRO G |                     | TAYLOR,J.M.         | 9003080240  | ORG        |
| STEWART,W.L.    | 9002270352          | 50-280              | R      | STROSNIDER,J.       | 9003070368*         | 50-334      | Q                   | TAYLOR,J.M.         | 9003080312  | 50-220     |
| STEWART,W.L.    | 9003020028          | 50-338              | R      | STROSNIDER,J.R.     | 9003140030*         | 50-286      | Q                   | TAYLOR,J.M.         | 9003090522  | 50-443     |
| STEWART,W.L.    | 9003080100          | 50-280              | Q      | STROSNIDER,J.R.     | 9003140031*         | 50-289      | Q                   | TAYLOR,J.M.         | 9003130837  | 40-2061    |
| STEWART,W.L.    | 9003060259          | 50-338              | Q      | STROSNIDER,J.R.     | 9003150289*         | 50-289      | Q                   | TAYLOR,J.M.         | 9003140039  | 50-247     |
| STEWART,W.L.    | 9003070047          | 50-338              | P      | SUNT.               | 9003190134*         | ORG         |                     | TAYLOR,J.M.         | 9003140053  | 50-264     |
| STEWART,W.L.    | 9003070383          | 50-338              | Q      | SUBUDHI,M.          | 9003070250          | NUREG       |                     | TAYLOR,J.M.         | 9003160285  | COMMISSION |
| STEWART,W.L.    | 9003080214          | 50-338              | Q      | SULLIVAN,J.W.       | 9003200034          | 70-33       |                     | TAYLOR,J.M.         | 9003160025  | ORG        |
| STEWART,W.L.    | 9003080395          | 50-280              | R      | SULLIVAN,M.S.       | 9003200113          | 50-255      | F                   | TAYLOR,J.M.         | 9003200283  | I&E        |
| STEWART,W.L.    | 9003090146          | 50-338              | R      | SUMMER,S.E.         | 9003080066          | 50-395      | R                   | TAYLOR,J.M.         | 9003220123  | 60-250     |
| STEWART,W.L.    | 9003090245          | 50-280              | P      | SUNUNU,J.H.         | 9002280491*         | COMMISSION  |                     | TAYLOR,J.M.         | 9003230012  | NUREG      |
| STEWART,W.L.    | 9003120200          | 50-280              | Q      | SURMEIER,J.J.       | 9003050237          | WASTE MGT   |                     | TAYLOR,J.M.         | 9003230020  | REVIEW GR  |
| STEWART,W.L.    | 9003120717          | 50-338              | V      | SURMEIER,J.J.       | 9003140173          | WASTE MGT   |                     | TAYLOR,J.M.         | 9003230127  | 50-528     |
| STEWART,W.L.    | 9003150103          | 50-338              | F      | SUTTON,R.H.         | 9003100326*         | FOIA        |                     | TAYLOR,J.M.         | 9003280185  | 50-336     |
| STEWART,W.L.    | 9003150289          | 50-280              | P      | SVENSSON,B.A.       | 9003080293          | 50-315      | R                   | TAYLOR,J.M.         | 9003260583  | 50-443     |
| STEWART,W.L.    | 9003160012          | 50-280              | P      | SWANSON,J.H.        | 9003270403          | 50-249      | S                   | TAYLOR,J.M.         | 9003270052  | 50-445     |
| STEWART,W.L.    | 9003160353          | 50-338              | P      | SWANSON,W.H.        | 9002230557          | 50-286      | P                   | TAYLOR,L.A.         | 9003070138  | 50-388     |
| STEWART,W.L.    | 9003160367          | 50-280              | Q      | SWENSON,W.H.        | 9002280454          | 50-266      | Q                   | TAYLOR,M.           | 8701090633* | FOIA       |
| STEWART,W.L.    | 9003180178          | 50-338              | R      | SWENSON,W.H.        | 9002280508          | 50-286      | P                   | TAYLOR,M.J.         | 8703050134* | FOIA       |
| STEWART,W.L.    | 9003190322          | 50-339              | P      | SWENSON,W.H.        | 9003010299          | 50-286      | P                   | TAYLOR,M.J.         | 8706080332* | FOIA       |
| STEWART,W.L.    | 9003200180          | 50-280              | R      | SWENSON,W.H.        | 9003140156          | 50-266      | P                   | TAYLOR,M.J.         | 8706120285* | FOIA       |
| STEWART,W.L.    | 9003210241          | 50-338              | P      | SWETLAND            | 9003200457          | 50-272      | S                   | TAYLOR,M.J.         | 8905010045* | FOIA       |
| STEWART,W.L.    | 9003210336          | 50-280              | Q      | SWETLAND,P.D.       | 9003050139*         | 50-272      | Q                   | TAYLOR,R.           | 9003010449  | PR         |
| STEWART,W.L.    | 9003260254          | 50-280              | P      | SWETLAND,P.D.       | 9003180236          | 50-272      | Q                   | TEAMER,R.B.         | 9002140298* | CONTRACT   |
| STEWART,W.L.    | 9003270386          | 50-280              | P      | SWIFT,J.J.          | 9002270471*         | 40-2061     |                     | TEDROW,J.           | 9003210065* | 50-400     |



| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|------------------|
| TELLA, T.       | 9003140288*      | 50-315           | TIPPS, S.B.     | 9003200450       | 50-321           | TUCKER, H.B.    | 9002230333       | 50-413           |
| TEMUS, C.J.     | 9002230328       | 71-192           | TOBIN, W.J.     | 9003200069*      | 50-327           | TUCKER, H.B.    | 9002230347       | 50-369           |
| TENBROOK, W.K.  | 9003380163*      | 50-275           | TOKAR, M.       | 9002280543       | WASTE MGT        | TUCKER, H.B.    | 9002260071       | 50-280           |
| TENBROOK, W.K.  | 9003380360*      | 50-312           | TOKAR, M.       | 9003050215       | WASTE MGT        | TUCKER, H.B.    | 9002280134       | 50-389           |
| TENNYSON, M.    | 9003380087       | 50-373           | TOKAR, M.       | 9003140131*      | 27-48            | TUCKER, H.B.    | 9002280532       | 50-269           |
| TERAO, D.       | 9003380145*      | 50-280           | TOKAR, M.       | 9003140164       | WASTE MGT        | TUCKER, H.B.    | 9002260569       | 50-289           |
| TERAO, D.       | 9003180161*      | 50-280           | TOLLI, J.E.     | 9003120744       | NUREG            | TUCKER, H.B.    | 9002270014       | 50-389           |
| TERC, N.N.      | 9002140046*      | 50-445           | TOMPKINS, B.A.  | 9003100024       | 40-2081          | TUCKER, H.B.    | 9003010287       | PR               |
| TERRE, E.       | 9003180327*      | 50-339           | TOMPKINS, B.A.  | 9003100071       | 40-2081          | TUCKER, H.B.    | 9003020241       | 50-389           |
| TERRY, C.D.     | 9002230213       | 50-220           | TOMPKINS, B.A.  | 9003100081       | 50-443           | TUCKER, H.B.    | 9003050006       | 50-269           |
| TERRY, C.D.     | 9003050171       | 50-410           | TOMPKINS, B.A.  | 9003010085       | 50-443           | TUCKER, H.B.    | 9003080339       | 50-289           |
| TERRY, C.D.     | 9003050227       | 50-220           | TOMPKINS, B.A.  | 9003010090       | 50-443           | TUCKER, H.B.    | 9003090164       | 50-287           |
| TERRY, C.D.     | 9003090095       | 50-220           | TOMPKINS, B.A.  | 9003010094       | 40-2081          | TUCKER, H.B.    | 9003090216       | 50-413           |
| TERRY, C.D.     | 9003090103*      | 50-220           | TOMPKINS, B.A.  | 9003010096       | 50-443           | TUCKER, H.B.    | 9003090328       | 50-389           |
| TERRY, C.D.     | 9003160198       | 50-410           | TOMPKINS, B.A.  | 9003050067       | 40-2081          | TUCKER, H.B.    | 9003090331*      | 50-389           |
| TERRY, C.D.     | 9003200382       | 50-220           | TOMPKINS, B.A.  | 9003060043       | 50-443           | TUCKER, H.B.    | 9003090367       | 50-413           |
| TESKE, M.G.     | 9003130468*      | 40-3382          | TOMPKINS, B.A.  | 9003060046       | 50-443           | TUCKER, H.B.    | 9003090514       | 50-269           |
| THADANI, M.C.   | 9002260381       | 50-387           | TOMPKINS, B.A.  | 9003190022       | 40-2081          | TUCKER, H.B.    | 9003120141       | 50-389           |
| THADANI, M.C.   | 9002270388       | 50-387           | TOMPKINS, B.A.  | 9003220111       | 40-2081          | TUCKER, H.B.    | 9003130033       | 50-389           |
| THADANI, M.C.   | 9002270464       | 50-387           | TOMPKINS, B.A.  | 9003220245       | 40-2081          | TUCKER, H.B.    | 9003130711       | 50-269           |
| THADANI, M.C.   | 9002280076       | 50-387           | TOMPKINS, B.A.  | 9003280038       | 40-2081          | TUCKER, H.B.    | 9003140104       | 50-389           |
| THADANI, M.C.   | 9003140157       | 50-387           | TOMPKINS, B.A.  | 9003280041       | 40-2081          | TUCKER, H.B.    | 9003140268       | 50-289           |
| THADANI, M.C.   | 9003220308*      | 50-354           | TOMPKINS, B.A.  | 9003280050       | 50-443           | TUCKER, H.B.    | 9003140274       | 50-287           |
| THADANI, M.C.   | 9003260037       | 50-387           | TOMPKINS, B.A.  | 9003300115       | 40-2081          | TUCKER, H.B.    | 9003140283       | 50-289           |
| THADANI, M.C.   | 9003260458       | 50-387           | TOMPKINS, B.A.  | 9003300130       | 50-443           | TUCKER, H.B.    | 9003140290       | 50-289           |
| THARPE, V.      | 9003200118       | 70-25            | TOURIGNY, E.G.  | 9003070329*      | 50-324           | TUCKER, H.B.    | 9003140303       | 50-289           |
| TH. ELMEIER, D. | 9003020222       | 71-114           | TOWNSEND, J.D.  | 9002280014       | 50-275           | TUCKER, H.B.    | 9003140434       | 50-289           |
| THOMA, J.O.     | 9002220503*      | 50-341           | TOWNSEND, J.D.  | 9002280122       | 50-275           | TUCKER, H.B.    | 9003140437       | 50-289           |
| THOMA, J.O.     | 9002230301*      | 50-315           | TOWNSEND, J.D.  | 9003220049       | 50-275           | TUCKER, H.B.    | 9003160251       | 50-289           |
| THOMA, J.O.     | 9002270043*      | 50-341           | TOWNSEND, J.D.  | 9003220060       | 50-275           | TUCKER, H.B.    | 9003160287       | 50-413           |
| THOMA, J.O.     | 9002270391       | 50-263           | TOY, A.         | 9003090385*      | FCIA             | TUCKER, H.B.    | 9003160297       | 50-413           |
| THOMA, J.O.     | 9002270397       | 50-341           | TOY, H.L.       | 9003060104       | 70-8             | TUCKER, H.B.    | 9003160335       | 50-389           |
| THOMA, J.O.     | 9002270405       | 50-155           | TRAFICANTE, J.  | 9003180012       | 50-443           | TUCKER, H.B.    | 9003190070       | 50-413           |
| THOMA, J.O.     | 9003020153*      | 50-315           | TRAFICANTE, J.  | 9003190027       | 50-443           | TUCKER, H.B.    | 9003200157       | 50-289           |
| THOMA, J.O.     | 9003140121*      | 50-341           | TRAMMELL, C.M.  | 9002220618*      | 50-275           | TUCKER, H.B.    | 9003200163       | 50-413           |
| THOMA, J.O.     | 9003210176*      | 50-282           | TRAMMELL, C.M.  | 9002260314*      | 50-344           | TUCKER, H.B.    | 9003200180       | 50-389           |
| THOMA, J.O.     | 9003230162*      | 50-315           | TRAMMELL, C.M.  | 9003010148       | 50-397           | TUCKER, H.B.    | 9003200392       | 50-287           |
| THOMAS, J.      | 9003080141*      | 50-295           | TRAMMELL, C.M.  | 9003020021*      | 50-528           | TUCKER, H.B.    | 9003210133       | 50-289           |
| THOMAS, J.      | 9003210253       | 50-295           | TRAMMELL, C.M.  | 9003090373*      | 50-381           | TUCKER, H.B.    | 9003220285       | 50-289           |
| THOMAS, J.H.    | 9003010236*      | 40-3392          | TRAMMELL, C.M.  | 9003160084*      | 50-381           | TUCKER, H.B.    | 9003220295       | PR               |
| THOMAS, M.      | 9003050119*      | 50-424           | TRAMMELL, C.M.  | 9003190120*      | 50-397           | TUCKER, H.B.    | 9003230082       | 50-413           |
| THOMAS, M.      | 9003050170*      | 50-289           | TRAN, H.        | 9003010491*      | 50-331           | TUCKER, H.B.    | 9003230084       | 50-413           |
| THOMAS, M.      | 9003210054*      | 50-335           | TRAN, H.        | 9003010494*      | 50-331           | TUCKER, H.B.    | 9003230088       | 50-389           |
| THOMAS, N.      | 9002230054       | 50-445           | TRAVERS, W.D.   | 9002140039       | 50-445           | TUCKMAN, M.S.   | 9003090340*      | 50-389           |
| THOMAS, N.C.    | 8909190195*      | TOPREP           | TRAVERS, W.D.   | 9003230256       | REVIEW GR P      | TUCKMAN, M.S.   | 9003090360*      | 50-389           |
| THOMAS, R.D.    | 9003210352*      | FCIA             | TREBY, S.A.     | 8807150137*      | PR               | TURK, S.E.      | 9003010118       | 50-443           |
| THOMAS, R.D.    | 9003210356*      | FCIA             | TREMBLAY, L.A.  | 9003080190       | 50-271           | TURK, S.E.      | 9003010207*      | 50-443           |
| THOMAS, R.D.    | 9003210360*      | FCIA             | TREMBLAY, L.A.  | 9003080486       | 50-271           | TUTTLE, R.J.    | 9003020121       | 70-25            |
| THOMAS, R.D.    | 9003210364*      | FCIA             | TREMBLAY, L.A.  | 9003090109       | 50-271           | UEMIYA, S.      | 9003150084       | XPORTLIC         |
| THOMAS, R.D.    | 9003210367*      | FCIA             | TREMBLAY, L.A.  | 9003140325       | 50-271           | URICH, R.C.     | 9003210055*      | FOIA             |
| THOMPSON, D.    | 9003120192*      | 40-2081          | TREMBLAY, L.A.  | 9003160389       | 50-271           | ULMER, E.J.     | 9002280203       | 50-344           |
| THOMPSON, D.    | 9003140297*      | 70-27            | TREMBLAY, L.A.  | 9003220252       | 50-271           | ULMER, E.J.     | 9003130616       | 50-344           |
| THOMPSON, F.    | 9002270384*      | COMMISSION       | TREMBLAY, L.A.  | 9003220278       | 50-271           | UMBEL, D.       | 9003080161       | CONTRACT         |
| THOMPSON, G.A.  | 9002280246       | 50-275           | TREMBLAY, L.A.  | 9003220309       | 50-271           | UMBEL, D.       | 9003140350       | CONTRACT         |
| THOMPSON, H.    | 9002280171*      | 50-341           | TREMBLAY, L.A.  | 9003260317       | 50-271           | UMBEL, D.       | 9003060223*      | CONTRACT         |
| THOMPSON, H.L.  | 9002220444       | 50-54            | TREVORS, G.A.   | 9003010128       | 50-288           | VACCA, P.       | 9003200444*      | FOIA             |
| THOMPSON, H.L.  | 9002220447*      | 50-54            | TREVORS, G.A.   | 9003060276       | 50-288           | VACCA, P.       | 9003210072*      | FOIA             |
| THOMPSON, H.L.  | 9002280186       | 50-341           | TREVORS, G.A.   | 9003070086       | 50-288           | VACCA, P.C.     | 9003200383*      | FOIA             |
| THOMPSON, H.L.  | 9002280187*      | 50-341           | TREVORS, G.A.   | 9003080061       | 50-288           | VACCA, P.C.     | 9003200388*      | FOIA             |
| THOMPSON, H.L.  | 9003010234       | 50-254           | TREVORS, G.A.   | 9003080168       | 50-288           | VACCA, P.C.     | 9003200455*      | FOIA             |
| THOMPSON, H.L.  | 9003010237*      | 50-254           | TREVORS, G.A.   | 9003090274       | 50-288           | VACHERLON, P.M. | 9003010503*      | 71-352           |
| THOMPSON, H.L.  | 9003010254       | 50-254           | TREVORS, G.A.   | 9003120037       | 50-288           | VALENTE, P.J.   | 9003210285*      | PROJ             |
| THOMPSON, H.L.  | 9003010257*      | 50-254           | TREVORS, G.A.   | 9003120135       | 50-288           | VALLETTE, J.    | 9003210011       | PR               |
| THOMPSON, H.L.  | 9003070015       | 50-254           | TREVORS, G.A.   | 9003230070       | 50-288           | VAN DOORN, P.K. | 9002280097*      | 50-389           |
| THOMPSON, H.L.  | 9003070017*      | 50-254           | TREVORS, G.A.   | 9003230074       | 50-288           | VANDENBURGH, C. | 9003150238*      | 50-445           |
| THOMPSON, H.L.  | 9003160474       | 50-331           | TRIPP, L.       | 9003150285       | 1&E              | VANDEPULTE, M.  | 9003200185       | 50-341           |
| THOMPSON, H.L.  | 9003190290       | FOIA             | TRIPP, L.M.     | 9003080418       | 1&E              | VANDEPULTE, M.  | 9003010383       | 50-341           |
| THOMPSON, J.E.  | 9003160167       | 50-288           | TROJANOWSKI, R. | 9003220144       | 1&E              | VANDOPUR, P.K.  | 9003270196*      | 50-389           |
| THOMPSON, J.M.  | 9003140174       | 71-328           | TROSKOSKI, W.   | 9002230085       | 50-275           | VANDUSEN, P.K.  | 9003150177       | STATE PRO        |
| THOMPSON, J.R.  | 9003100008       | 40-2081          | TROSKOSKI, W.   | 9002280274       | 50-254           | VANESS, K.      | 9003190148*      | FOIA             |
| THOMPSON, M.    | 9003080252*      | 50-327           | TROSKOSKI, W.   | 9003010001       | 50-254           | VANESS, K.      | 9003190147*      | FOIA             |
| THOMPSON, N.G.  | 9003190298       | NUREG            | TROSKOSKI, W.   | 9003050197       | 50-316           | VANESS, K.      | 9003190154*      | FOIA             |
| THOMPSON, T.K.  | 8611040097*      | FOIA             | TROSKOSKI, W.   | 9003080250       | 50-259           | VARELA, M.A.    | 8905050224*      | FOIA             |
| THOMPSON, T.K.  | 8701090633*      | FOIA             | TROSKOSKI, W.   | 9003120229       | 50-317           | VARGA, S.A.     | 9002280088*      | 50-424           |
| THORNE, E.L.    | 9003010421       | PR               | TROSKOSKI, W.   | 9003160261       | 50-331           | VARGA, S.A.     | 9003200077       | 50-317           |
| THUNSTEDT, J.W. | 9003050102       | 50-373           | TROSKOSKI, W.   | 9003220208       | 50-295           | VARGA, S.A.     | 9003230216       | 50-317           |
| THUNSTEDT, J.W. | 9003140316       | 50-373           | TROTHER, E.     | 9003120468       | TOPREP           | VARGA, S.A.     | 9003280124       | 50-322           |
| THUNSTEDT, J.W. | 9003180115       | 50-373           | TROTHER, E.     | 9003160347       | 50-605           | VAUGHN, G.E.    | 9003020048       | 50-488           |
| TIEN, C.        | 9002280287       | ACRS             | TROTHER, E.     | 9003230042       | TOPREP           | VAUGHN, G.E.    | 9003120056       | 50-488           |
| TILLACK, B.     | 9003020028       | 50-338           | TROUP, G.L.     | 9003050132*      | 70-143           | VAUGHN, G.E.    | 9003140403       | 50-488           |
| TILLACK, B.     | 9003190178       | 50-338           | TROUP, G.L.     | 9003210317       | 70-1113          | VAUGHN, G.E.    | 9003180101       | 50-488           |
| TILLOTSON, C.P. | 9003020363       | XPORTLIC         | TROUT, J.P.     | 9003280230       | 50-443           | VAUGHN, G.E.    | 9003180200       | 50-488           |
| TILLOTSON, C.P. | 9003200368*      | XPORTLIC         | TROUT, J.P.     | 9003280230       | 50-443           | VAUGHN, G.E.    | 9003160240       | 50-488           |
| TILLOTSON, C.P. | 9003200372*      | XPORTLIC         | TSAI, R.        | 9003090165*      | 50-295           | VAUGHN, G.E.    | 9003200416       | 50-488           |
| TINGEN, S.      | 9003200231*      | 50-338           | TSEA, A.        | 9003260047       | PR               | VAUGHN, G.E.    | 9003230116       | 50-488           |
| TINGLEY, J.V.   | 9003220268       | WASTE MGT        | TUCK, J.C.      | 9002260235*      | COMMISSION       | VAUGHN, H.E.    | 9003120765       | 50-302           |
| TIPPS, S.B.     | 9002220624       | 50-366           | TUCKER, H.B.    | 9003150227       | 50-369           | VAUGHN, I.      | 9003010433       | PR               |
| TIPPS, S.B.     | 9003060024       | 50-321           | TUCKER, H.B.    | 9002220511       | 50-413           | VELASQUEZ, J.R. | 9003070388       | 70-820           |



| AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |             |           |
|-----------------|---------------------|---------------------|--------|---------------------|---------------------|------------|---------------------|---------------------|-------------|-----------|
| VERNETSON,W.G.  | 9003220071          | 50-83               | H      | WARNICK,R.F.        | 9002270448          | 50-445     | Q                   | WHITE,J.R.          | 8905010045* | FOIA      |
| VERNON,T.M.     | 9003150271          | STATE PRO G         |        | WARNICK,R.F.        | 9002270449*         | 50-445     | Q                   | WHITE,J.R.          | 8905050221* | FOIA      |
| VERRELLI,D.M.   | 9002260112          | 50-281              | Q      | WARNICK,R.F.        | 9002280207          | 50-445     | Q                   | WHITE,J.R.          | 8905050224* | FOIA      |
| VERRELLI,D.M.   | 9003050064          | 50-324              | Q      | WARNICK,R.F.        | 9003310272*         | 40-3392    | Q                   | WHITE,J.R.          | 8909080072* | FOIA      |
| VERRELLI,D.M.   | 9003050069          | 50-348              | Q      | WARNICK,R.F.        | 9003060038          | 50-445     | Q                   | WHITE,J.R.          | 8909290187* | FOIA      |
| VERRELLI,D.M.   | 9003120054          | 50-324              | Q      | WARNICK,R.F.        | 9003070207          | 50-445     | Q                   | WHITE,N.J.          | 9003060068  | WASTE MGT |
| VERRELLI,D.M.   | 9003210058          | 50-400              | Q      | WARNICK,R.F.        | 9003070207          | 50-445     | Q                   | WHITE,N.J.          | 90032702181 | WASTE MGT |
| VERRELLI,D.M.   | 9003210062*         | 50-400              | Q      | WARNICK,R.F.        | 90033120182*        | 40-2081    |                     | WHITE,P.            | 9002230329  | 50-311    |
| VERRELLI,D.M.   | 9003210079          | 50-348              | Q      | WARNICK,R.F.        | 9003200220          | 50-445     | Q                   | WHITE,P.            | 9003200179  | 50-272    |
| VERRELLI,D.M.   | 9003210081          | 50-418              | Q      | WARNICK,R.F.        | 9003260654          | 50-445     | Q                   | WHITE,S.K.          | 9003200348  | 50-155    |
| VERRELLI,D.M.   | 9003210103          | 50-416              | Q      | WARREN,J.A.         | 9002220703          | 50-395     | P                   | WHITFIELD,R.P.      | 8003150279  | ORG       |
| VERRELLI,D.M.   | 9003220135          | 50-281              | Q      | WARREN,L.A.         | 9002270362          | 50-260     | R                   | WHITING,A.R.        | 9002260537* | WASTE MGT |
| VERRELLI,D.M.   | 9003220139*         | 50-281              | Q      | WARREN,L.A.         | 9003200190          | 50-260     | R                   | WHITT,M.S.          | 9002280280* | 50-368    |
| VERTES,C.M.     | 9003070381*         | 50-272              | P      | WASHINGTON,W.A.     | 90033103549         | FOIA       |                     | WHITT,M.S.          | 9003200273  | 50-368    |
| VICKREY,R.B.    | 9003070211*         | 50-446              | Q      | WATERS,D.B.         | 9002140087*         | 50-445     | Q                   | WHITTEMORE,J.E.     | 9003120693* | 50-267    |
| VIETEN,M.J.     | 9002260031          | 50-213              | J      | WATKINS,J.D.        | 9002260159*         | COMMISSION | N                   | WHITTEMORE,J.E.     | 9003230208* | 50-298    |
| VILLARAN,M.     | 9003070250          | NUREG               |        | WATSON,L.J.         | 9002260255*         | 50-277     | R                   | WHITTEN,J.E.        | 8808120122* | FOIA      |
| VILLARAN,M.     | 9003070281          | NUREG               |        | WATSON,L.J.         | 9002260255*         | 50-327     | Q                   | WHITTEN,J.E.        | 8806130150* | FOIA      |
| VIRGONA,J.E.    | 9003020089          | WASTE MGT           |        | WATSON,L.J.         | 9003210179*         | 50-327     | Q                   | WHITTEN,J.E.        | 8807250152* | FOIA      |
| VIRGONA,J.E.    | 9003130761          | 40-8820             |        | WEBER,C.E.          | 9003180024*         | WASTE MGT  |                     | WHITTEN,J.E.        | 8807250175* | FOIA      |
| VISSING,G.S.    | 9002230319          | 60-338              | V      | WEBER,M.A.          | 9003080305          | FOIA       |                     | WHITTEN,J.E.        | 8907240445* | FOIA      |
| VISSING,G.S.    | 9003010242          | 50-336              | Q      | WEEKS,J.W.          | 9003060224          | 50-335     | S                   | WHITTEN,J.E.        | 9001310479* | FOIA      |
| VISSING,G.S.    | 9003060050          | 50-338              | Q      | WEHRY,R.H.          | 9003070118          | 60-388     | S                   | WHITTER,G.D.        | 9002270128* | 50-309    |
| VITO,O.         | 9002270429*         | 50-247              | Q      | WEIBE,J.            | 9003220185          | 60-445     | S                   | WHITTLETON,T.R.     | 9003080239  | CONTRACT  |
| VOLGENAU,E.     | 9003090493*         | 40-2061             |        | WEIL,C.H.           | 9003010283*         | 40-3392    |                     | WICHES,D.L.         | 9003020087  | 40-8502   |
| VOLKOFF,J.      | 9003220081          | 50-317              | S      | WEIL,C.H.           | 9003130282*         | 40-2061    |                     | WICHES,D.L.         | 9003150144  | 40-8502   |
| VORSE,J.Y.      | 9003150359*         | 60-259              | Q      | WEINER,R.F.         | 9003070192*         | WASTE MGT  |                     | WIDAY,J.A.          | 9003080328* | 50-244    |
| VORSE,J.Y.      | 9003180142*         | FOIA                |        | WEINER,R.F.         | 9003070208*         | WASTE MGT  |                     | WIDAY,J.A.          | 9003080327* | 50-244    |
| VORSE,J.Y.      | 9003180155*         | FOIA                |        | WEISS,A.J.          | 9003070194          | NUREG      |                     | WIDAY,J.A.          | 9003080328* | 50-244    |
| VOSS,K.         | 9003260293          | 50-285              | S      | WEISS,J.P.          | 9003210218          | PR         |                     | WIDAY,J.A.          | 9003080329* | 50-244    |
| VOTH,M.H.       | 9003220029          | 50-5                | P      | WEISS,S.H.          | 8805170308*         | FOIA       |                     | WIDAY,J.A.          | 9003080330* | 50-244    |
| VREELAND,R.J.   | 9003090491*         | 40-2081             | F      | WELCH,J.            | 9003100283          | 50-249     | S                   | WIDAY,J.A.          | 9003080332* | 50-244    |
| WADDELL,D.W.    | 9003010424          | 50-481              | F      | WELLS,A.H.          | 9003010481          | PROJ       |                     | WIDAY,J.A.          | 9003080333* | 50-244    |
| WAH,K.K.        | 9003190287          | NUREG               |        | WELLS,A.H.          | 9003090063          | 71-9010    |                     | WIDAY,J.A.          | 9003080334* | 50-244    |
| WALKER,R.D.     | 9002220648          | 50-445              | P      | WELLS,A.H.          | 9003210220          | 71-9183    |                     | WIDAY,J.A.          | 9003080335* | 50-244    |
| WALKER,R.D.     | 9003120656          | 50-445              | P      | WENRICH,J.W.        | 8806130200*         | FOIA       |                     | WIDAY,J.A.          | 9003080338* | 50-244    |
| WALKER,R.D.     | 9003120683          | 50-445              | R      | WENRICH,J.W.        | 8808280158*         | FOIA       |                     | WIDAY,J.A.          | 9003080337* | 50-244    |
| WALKER,R.D.     | 9003120807          | 60-445              | Q      | WENSLAWSKI,F.       | 9002260586*         | 50-312     | Q                   | WIDAY,J.A.          | 9003080340* | 50-244    |
| WALKER,R.D.     | 9003260311          | 60-445              | P      | WENSLAWSKI,F.       | 9003070313*         | 50-312     | Q                   | WIDAY,J.A.          | 9003080341* | 50-244    |
| WALL,K.C.       | 9002260374          | 50-213              | R      | WENSLAWSKI,F.       | 9003080409          | 50-89      | S                   | WIDAY,J.A.          | 9003080399* | 50-244    |
| WALL,K.C.       | 9003200160          | 50-213              | R      | WENSLAWSKI,F.       | 9003280330*         | 50-528     | Q                   | WIDAY,J.A.          | 9003080371* | 50-244    |
| WALLACE,D.      | 9003270088*         | 50-223              | V      | WENSLAWSKI,F.A.     | 9002280553*         | 60-208     | Q                   | WIDAY,J.A.          | 9003080374* | 50-244    |
| WALLACE,E.G.    | 9003080124          | 60-327              | S      | WENSLAWSKI,F.A.     | 9003080163*         | 60-275     | Q                   | WIDAY,J.A.          | 9003080376* | 50-244    |
| WALLACE,E.G.    | 9003080245          | 60-327              | R      | WENSLAWSKI,F.A.     | 9003210078*         | 60-528     | Q                   | WIDMAYER,D.A.       | 9003140181  | WASTE MGT |
| WALLACE,E.G.    | 9003080253          | 60-327              | P      | WENSLAWSKI,F.A.     | 9003260360*         | 50-312     | Q                   | WIDNER,T.E.         | 9003080483  | 50-387    |
| WALLACE,E.G.    | 9003090042          | 50-327              | P      | WENTZ,R.M.          | 9003150346          | STATE PROJ |                     | WIEBE,J.S.          | 9003130313  | 50-445    |
| WALLACE,E.G.    | 9003090117          | 50-327              | P      | WENZINGER,E.C.      | 9003180207          | 50-280     | S                   | WIEBE,J.S.          | 9003200174  | 50-445    |
| WALLACE,E.G.    | 9003090292          | 50-327              | R      | WENZINGER,E.C.      | 9002270378          | 50-334     | Q                   | WIEBENGA,R.         | 9003180185  | 60-285    |
| WALLACE,E.G.    | 9003090321          | 50-390              | S      | WENZINGER,E.C.      | 9003020083          | 50-210     | Q                   | WIEDEMANN,D.G.      | 9003190179* | 70-145    |
| WALLACE,E.G.    | 9003090325          | 60-327              | Q      | WENZINGER,E.C.      | 9003060242          | 50-423     | Q                   | WIENSL,A.           | 9002260234  | 50-289    |
| WALLACE,E.G.    | 9003090341          | 50-380              | S      | WENZINGER,E.C.      | 9003070316          | 50-245     | Q                   | WIENSL,A.           | 9003050168  | 50-289    |
| WALLACE,E.G.    | 9003090446          | 50-269              | R      | WENZINGER,E.C.      | 9003140281          | 60-245     | Q                   | WIENSL,A.           | 9003070205  | 50-289    |
| WALLACE,E.G.    | 9003090472          | 60-280              | P      | WENZINGER,E.C.      | 9003180170          | 60-289     | Q                   | WIENSL,A.           | 9002200248* | 50-289    |
| WALLACE,E.G.    | 9003120776          | 60-327              | P      | WENZINGER,E.C.      | 9003200425          | 50-336     | Q                   | WIESEMANN,R.A.      | 9002220641* | TOPREP    |
| WALLACE,E.G.    | 9003130367          | 60-327              | P      | WENZINGER,E.C.      | 9003210331          | 50-423     | Q                   | WIESEMANN,R.A.      | 9002230528* | 50-275    |
| WALLACE,E.G.    | 9003130399          | 60-327              | P      | WENZINGER,E.C.      | 9003270185          | 50-213     | Q                   | WIESEMANN,R.A.      | 9003090167* | 50-295    |
| WALLACE,E.G.    | 9003140230          | 60-327              | P      | WENZINGER,E.C.      | 9003270373          | 50-334     | Q                   | WIESEMANN,R.A.      | 9003090214* | 50-498    |
| WALLACE,E.G.    | 9003160466          | 60-327              | P      | WERT,L.D.           | 9002230541*         | 60-269     | Q                   | WIESEMANN,R.A.      | 9003120781* | 50-327    |
| WALLACE,E.G.    | 9003160217          | 60-259              | P      | WERT,L.D.           | 9003130094*         | 60-269     | Q                   | WIESEMANN,R.A.      | 9003140233* | 50-327    |
| WALLACE,E.G.    | 9003220287          | 50-327              | P      | WESSEL,V.W.         | 9003050081          | 40-8546    |                     | WIGGINS,D.C.        | 9003260588  | 71-8717   |
| WALLACE,E.G.    | 9003220303          | 50-327              | Q      | WESSMAN,R.H.        | 9003150203*         | 50-20      | P                   | WIGGINS,E.          | 9003080187* | CONTRACT  |
| WALLACE,E.G.    | 9003230135          | 60-390              | Q      | WESSMAN,R.H.        | 9003210248          | 60-443     | P                   | WIGGINS,E.J.        | 9003060225* | CONTRACT  |
| WALLACE,E.G.    | 9003260252          | 60-327              | Q      | WESSMAN,R.H.        | 9003250040*         | 60-29      | P                   | WIGGINS,E.J.        | 9003060228* | CONTRACT  |
| WALLACE,E.G.    | 9003260470          | 70-2917             |        | WESTERMAN,T.F.      | 9003020231          | 60-286     | Q                   | WIGGINS,E.J.        | 9003090180* | CONTRACT  |
| WALLACE,E.G.    | 9003280556          | 60-289              | P      | WESTERMAN,T.F.      | 9003020240*         | 60-286     | Q                   | WIGGINS,E.J.        | 9003140370* | CONTRACT  |
| WALLACE,E.G.    | 9003270036          | 60-259              | P      | WESTERMAN,T.F.      | 9003130298*         | 60-287     | Q                   | WIGGINS,E.J.        | 9003140401* | CONTRACT  |
| WALLACE,W.T.    | 9003010202*         | 60-443              | G      | WETZEL,N.           | 9002220729*         | WASTE RES  |                     | WIGGINS,E.J.        | 9003140409* | CONTRACT  |
| WALLACE,W.T.    | 9003150184          | STATE PROJ          |        | WETZEL,S.A.         | 9003130001          | 60-259     | S                   | WIGGINS,E.J.        | 9003140413* | CONTRACT  |
| WALLACE,W.T.    | 9003150339          | STATE PROJ          |        | WHEADON,W.C.        | 9003210022          | 71-8001    |                     | WIGGINS,E.J.        | 9003140454* | CONTRACT  |
| WALLHAUSEN,C.W. | 9003090337*         | FOIA                |        | WHEELER,J.T.        | 9003060187*         | CONTRACT   |                     | WIGGINS,E.J.        | 9003160135* | CONTRACT  |
| WALLING,A.      | 9003130612          | 60-271              | R      | WHITE,J.            | 8808240217*         | FOIA       |                     | WIGGINTON,D.L.      | 9002160007  | 50-382    |
| WALSH,M.W.      | 9003150306          | STATE PROJ          |        | WHITE,J.            | 8610010382*         | FOIA       |                     | WIGGINTON,D.L.      | 9003120773  | 60-382    |
| WALSH,T.        | 9003120506*         | 50-247              | V      | WHITE,J.            | 8610230188*         | FOIA       |                     | WIGGINTON,D.L.      | 9003130373  | 60-382    |
| WALTON,G.A.     | 9003080349*         | 50-380              | Q      | WHITE,J.            | 8611040097*         | FOIA       |                     | WIGGINTON,D.L.      | 8803140433  | 50-382    |
| WALZ,V.M.       | 9002220486*         | 50-333              | P      | WHITE,J.            | 8611210210*         | FOIA       |                     | WIGGINTON,D.L.      | 9003200141  | 50-382    |
| WAMBACH,T.V.    | 9002220488          | 50-346              | P      | WHITE,J.            | 8611250155*         | FOIA       |                     | WILBORN,L.          | 9003060193* | 50-498    |
| WAMBACH,T.V.    | 9003050335          | 50-348              | P      | WHITE,J.            | 8701090459*         | FOIA       |                     | WILCOX,H.           | 9003010328  | PR        |
| WAMBACH,T.V.    | 9003200376          | 50-346              | F      | WHITE,J.            | 8701090633*         | FOIA       |                     | WILKERSON           | 9003010401  | PR        |
| WANG,A.         | 9003010236          | 60-213              | P      | WHITE,J.            | 8706080332*         | FOIA       |                     | WILKERSON,B.        | 9003010487  | PR        |
| WANG,A.         | 9003230249*         | 50-289              | P      | WHITE,J.            | 9003200263          | 1&E        |                     | WILKINS,T.L.        | 9003070087  | 71-694    |
| WANG,A.B.       | 9002260580          | 50-213              | P      | WHITE,J.R.          | 8703050134*         | FOIA       |                     | WILKOWSKI,Q.M.      | 9003180303  | NUREG     |
| WANG,A.B.       | 9002270186          | 60-213              | P      | WHITE,J.R.          | 8705110190*         | FOIA       |                     | WILLIAMS,D.C.       | 9002160076  | CONTRACT  |
| WANG,A.B.       | 9003200354          | 60-213              | P      | WHITE,J.R.          | 8705110196*         | FOIA       |                     | WILLIAMS,D.C.       | 9002280349  | ORG       |
| WANG,J.         | 9003160288*         | 50-219              | Q      | WHITE,J.R.          | 8705180314*         | FOIA       |                     | WILLIAMS,D.C.       | 9002280483  | ORG       |
| WARBIS,W.A.     | 9002220486*         | 50-333              | P      | WHITE,J.R.          | 8705180340*         | FOIA       |                     | WILLIAMS,D.C.       | 9003080457  | FOIA      |
| WARF,J.C.       | 9003300118*         | 70-25               |        | WHITE,J.R.          | 8708120285*         | FOIA       |                     | WILLIAMS,J.C.       | 9003200143  | 60-424    |
| WARNICK,R.F.    | 90022140056*        | 50-445              | Q      | WHITE,J.R.          | 8710290065*         | FOIA       |                     | WILLIAMS,J.C.       | 9003080288  | 50-161    |
| WARNICK,R.F.    | 9002270252          | 50-445              | Q      | WHITE,J.R.          | 8902280464*         | FOIA       |                     | WILLIAMS,M.         | 9002270183* | 70-371    |

| AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR      | ACCESSION NUMBER | SUBJECT CATEGORY |             |           |   |
|-------------------|------------------|------------------|--------|------------------|------------------|-------------|------------------|------------------|-------------|-----------|---|
| WILLIAMS, M.      | 9003200194       | 50-482           | R      | WITHERS, B. D.   | 9003120223       | 50-482      | Q                | YORK, J. W.      | 9003200281* | 50-280    | C |
| WILLIAMS, M. G.   | 9003090052*      | 50-482           | S      | WITHERS, B. D.   | 9003160075       | 50-482      | F                | YOUNG, C. J.     | 9003070254  | NUREG     | C |
| WILLIAMS, M. G.   | 9003140362       | 50-482           | S      | WITHERS, B. D.   | 9003180492       | 50-482      | K                | YOUNG, F.        | 9002270387* | 50-334    | C |
| WILLIAMS, M. G.   | 9003150043       | 50-482           | S      | WITHERS, B. D.   | 9003190111       | 50-482      | R                | YOUNG, F.        | 9002270481* | 50-334    | C |
| WILLIAMS, M. G.   | 9003190111       | 50-482           | R      | WITHERS, B. D.   | 9003230055       | 50-482      | Q                | YOUNG, F.        | 9003020084* | 50-219    | C |
| WILLIAMS, M. H.   | 9003010082       | 50-269           | P      | WITT, C. R.      | 9002270235       | 71-9168     |                  | YOUNG, F.        | 9003180177* | 50-289    | C |
| WILLIAMS, O. G.   | 9003280210       | FOIA             |        | WITT, C. R.      | 9003210159       | PROJ        |                  | YOUNG, F. I.     | 9003020179  | 50-219    | C |
| WILLIAMS, P. M.   | 9002280129       | CRG              |        | WITT, F. J.      | 9003090228*      | 50-498      | P                | YOUNG, K. A.     | 9002280429* | 50-387    | F |
| WILLIAMS, P. M.   | 9003050160       | PROJ             |        | WITT, V. R.      | 9003010486       | PROJ        |                  | YOUNG, M. A.     | 9003050082  | 50-443    | C |
| WILLIAMS, R. A.   | 9002230356*      | 50-413           | R      | WOLFE, D. W.     | 9003180235*      | WASTE MGT   |                  | YOUNG, M. A.     | 9003230208  | 50-443    | C |
| WILLIAMS, R. A.   | 9002230349*      | 50-389           | R      | WOLKENHAUER, W.  | 9003080227*      | 50-397      | P                | YOUNG, W. H.     | 9002260512* | COMMISS O |   |
| WILLIAMS, R. A.   | 9003200157*      | 50-269           | R      | WOMACK, L. F.    | 9002270160       | 50-275      | P                | YOUNG, W. H.     | 9003200383* | FOIA      |   |
| WILLIAMS, R. A.   | 9003200172*      | 50-413           | R      | WOMACK, L. F.    | 9003080074       | 50-133      | R                | YUHAS, G. P.     | 9002220581  | 50-397    | C |
| WILLIAMS, R. A.   | 9003200183*      | 50-369           | R      | WOMACK, L. F.    | 9003080377       | 50-275      | R                | YUHAS, G. P.     | 9002260551  | 50-206    | C |
| WILLIS, J. L.     | 9002260149       | 50-220           | P      | WOMACK, L. F.    | 9003090176       | 50-275      | R                | YUHAS, G. P.     | 9002260584  | 50-312    | C |
| WILLIS, J. L.     | 9002280152       | 50-220           | R      | WOMACK, L. F.    | 9003080300       | 50-276      | F                | YUHAS, G. P.     | 9002270130  | 70-734    |   |
| WILLIS, J. L.     | 9003010114       | 50-220           | R      | WOMACK, L. F.    | 9003220060       | 50-275      | F                | YUHAS, G. P.     | 9002270136  | 70-25     |   |
| WILLIS, J. L.     | 9003020081       | 50-220           | S      | WONG, H.         | 9003070014*      | 50-528      | Q                | YUHAS, G. P.     | 9002270150* | 70-25     |   |
| WILLIS, J. L.     | 9003020160       | 50-410           | S      | WONG, H.         | 9003150389*      | 50-312      | Q                | YUHAS, G. P.     | 9003020207  | 50-139    | C |
| WILLIS, J. L.     | 9003070145       | 50-220           | R      | WONG, H. J.      | 9003180330*      | FOIA        |                  | YUHAS, G. P.     | 9003020212* | 50-139    | C |
| WILLIS, J. L.     | 9003120370       | 50-410           | S      | WOOD, R. H.      | 9003010502       | 71-352      |                  | YUHAS, G. P.     | 9003050185  | 70-734    |   |
| WILLIS, J. L.     | 9003120407       | 50-410           | S      | WOOD, R. H.      | 9003010505*      | 71-352      |                  | YUHAS, G. P.     | 9003070309  | 50-312    | C |
| WILLIS, J. L.     | 9003120662       | 50-220           | R      | WOODHEAD, C. P.  | 9003230185       | 70-25       |                  | YUHAS, G. P.     | 9003070320  | 50-275    | C |
| WILLIS, J. L.     | 9003120676*      | 50-220           | R      | WOODLAND, R.     | 9002220398       | 50-445      | S                | YUHAS, G. P.     | 9003070324* | 50-275    | C |
| WILLIS, J. L.     | 9003130593       | 50-410           | S      | WOODRUFF, R. L.  | 9003050135       | I&E         |                  | YUHAS, G. P.     | 9003080156  | 50-275    | C |
| WILLIS, J. L.     | 9003150117       | 50-220           | S      | WOODRUFF, R. L.  | 9003130579       | STATE PRO G |                  | YUHAS, G. P.     | 9003160160* | 50-528    | C |
| WILLIS, J. L.     | 9003150339       | 50-410           | R      | WOODS, R.        | 9003150268       | STATE PRO G |                  | YUHAS, G. P.     | 9003210096  | 50-344    | C |
| WILLIS, J. L.     | 9003150343*      | 50-410           | R      | WRIGHT, B. L.    | 8710280362*      | PR          |                  | YUHAS, G. P.     | 9003210190  | 50-312    | C |
| WILLIS, J. L.     | 9003160014       | 50-410           | R      | WRIGHT, B. L.    | 8904240218       | XPORTLIC    |                  | YUHAS, G. P.     | 9003210311  | 50-142    | C |
| WILLIS, J. L.     | 9003220094       | 50-410           | S      | WRIGHT, B. L.    | 8905120081       | XPORTLIC    |                  | YUHAS, G. P.     | 9003260319  | 50-528    | C |
| WILLIS, J. L.     | 9003270023       | 50-410           | R      | WRIGHT, B. L.    | 8906140106       | XPORTLIC    |                  | YUHAS, G. P.     | 9003280331  | 50-208    | C |
| WILLIS, J. L.     | 9003270185       | 50-220           | R      | WRIGHT, B. L.    | 8907110028       | XPORTLIC    |                  | YUHAS, G. P.     | 9003280355  | 50-312    | C |
| WILMS, R. P.      | 9003230121*      | 50-369           | P      | WRIGHT, B. L.    | 8908100100       | XPORTLIC    |                  | YUNDT, C. P.     | 9002270115  | 50-344    | C |
| WILSON, B.        | 9003210104       | 50-259           | Q      | WRIGHT, B. L.    | 8908110314       | XPORTLIC    |                  | YUNDT, C. P.     | 9002270192  | 50-344    | C |
| WILSON, B. A.     | 9002260116       | 50-259           | Q      | WRIGHT, B. L.    | 8909110314       | XPORTLIC    |                  | YUNDT, C. P.     | 9002270200  | 50-344    | C |
| WILSON, B. A.     | 9002260246       | 50-327           | O      | WRIGHT, B. L.    | 8910110060       | XPORTLIC    |                  | YUNDT, C. P.     | 9002280203  | 50-344    | C |
| WILSON, B. A.     | 9002260251*      | 50-327           | O      | WRIGHT, B. L.    | 8911140093       | XPORTLIC    |                  | YUNDT, C. P.     | 9003050196  | 50-344    | C |
| WILSON, B. A.     | 9002270423       | 50-390           | F      | WRIGHT, B. L.    | 9001220109       | XPORTLIC    |                  | YUNDT, C. P.     | 9003080203  | 50-344    | C |
| WILSON, B. A.     | 9003050001       | 50-327           | O      | WRIGHT, F. N.    | 9002260117       | XPORTLIC    |                  | YUNDT, C. P.     | 9003120011  | 50-344    | C |
| WILSON, B. A.     | 9003050045       | 50-259           | Q      | WRIGHT, F. N.    | 9003120374       | XPORTLIC    |                  | YUNDT, C. P.     | 9003120213  | 50-344    | C |
| WILSON, B. A.     | 9003060036       | 50-327           | Q      | WRIGHT, G. C.    | 9003220112*      | 50-413      | Q                | YUNDT, C. P.     | 9003130616  | 50-344    | C |
| WILSON, B. A.     | 9003080344       | 50-390           | O      | WRIGHT, G. C.    | 9003220155*      | 50-324      | Q                | YUNDT, C. P.     | 9003140182  | 50-344    | C |
| WILSON, B. A.     | 9003080346*      | 50-390           | Q      | WRIGHT, G. C.    | 9002260268       | 50-315      | V                | YUNDT, C. P.     | 9003160274  | 50-344    | C |
| WILSON, B. A.     | 9003160103       | 50-259           | Q      | WRIGHT, G. C.    | 9002260300       | 50-140      | V                | YUNG, Y. Y.      | 9003210263  | 50-344    | C |
| WILSON, B. A.     | 9003220066       | 50-327           | Q      | WRIGHT, G. C.    | 9002260436       | 50-268      | P                | ZAHAROFF, M.     | 9003230055  | 50-397    | C |
| WILSON, B. A.     | 90032210021      | 50-518           | O      | WRIGHT, G. C.    | 9002270008       | 50-456      | Q                | ZAHAROFF, M.     | 9003080153* | CONTRACT  |   |
| WILSON, B. A.     | 9003210145       | 50-327           | O      | WRIGHT, G. C.    | 9002270009*      | 50-456      | Q                | ZARET, R.        | 9003120506* | 50-247    | C |
| WILSON, B. A.     | 9003210146*      | 50-327           | Q      | WRIGHT, G. C.    | 9003020159       | 50-315      | V                | ZECH, L. W.      | 9003200076* | FOIA      |   |
| WILSON, B. A.     | 9003210156       | 50-390           | Q      | WRIGHT, G. C.    | 9003020162       | 50-341      | V                | ZECH, L. W.      | 9003200081* | FOIA      |   |
| WILSON, B. A.     | 9003210171       | 50-327           | Q      | WRIGHT, G. C.    | 9003080270       | 50-346      | P                | ZEILER, J.       | 9002260295* | 50-395    | C |
| WILSON, J. H.     | 9003140045       | 50-445           | P      | WRIGHT, G. C.    | 9003130019       | 50-10       | V                | ZELINSKY, G.     | 9003210199  | PR        |   |
| WILSON, P.        | 9003020136*      | 70-25            |        | WRIGHT, G. C.    | 9003150045       | 50-186      | V                | ZELINSKY, G.     | 9003210199  | PR        |   |
| WILSON, R. E.     | 9002260144       | 70-1113          |        | WRIGHT, G. C.    | 9003150455       | 50-305      | Q                | ZIMMERMAN, R. P. | 9003210163  | 50-528    | C |
| WINDSCHELL, J. E. | 9003060312       | 50-263           | R      | WRIGHT, G. C.    | 9003220098       | 50-331      | V                | ZIMMERMAN, R. P. | 9002220604  | 50-276    | C |
| WINGER, M. A.     | 9002270389       | 50-334           | R      | WRIGHT, G. C.    | 9003220103       | 50-456      | V                | ZIMMERMAN, R. P. | 9002220825* | 50-276    | C |
| WINGER, M. A.     | 9003190188       | 50-334           | R      | WURTZE           | 9003220103       | 50-456      | V                | ZIMMERMAN, R. P. | 9002230486  | 50-275    | C |
| WINN, R. S.       | 9003210071       | PR               |        | WURTZE           | 9003140402       | 50-249      | P                | ZIMMERMAN, R. P. | 9003080150  | 50-307    | C |
| WINN, R. S.       | 9003210071       | PR               |        | YANICHKO, S. E.  | 8701080506*      | FOIA        |                  | ZIMMERMAN, R. P. | 9003080211  | 50-344    | C |
| WISSINK, R. G.    | 9003120265       | REVIEW/ GR P     |        | YARW, Y.         | 8701090519*      | FOIA        |                  | ZIMMERMAN, R. P. | 9003090354  | 50-397    | C |
| WISSINK, R. G.    | 9003220304       | REVIEW/ GR P     |        | YATES, R. W.     | 9003060246*      | 50-213      | P                | ZIMMERMAN, R. P. | 9003150051  | 50-312    | C |
| WITHEE, C. G.     | 9003210202       | 71-9237          |        | YEAGER, J.       | 9003210129*      | ORG         |                  | ZIMMERMAN, R. P. | 9003220253  | 50-275    | C |
| WITHEE, C. J.     | 9003060070       | 71-3009          |        | YEAZEL, J. A.    | 9003220047*      | 40-3382     |                  | ZIMMERMAN, R. P. | 9001260269  | 50-416    | C |
| WITHERS, B. D.    | 9002270321       | 50-482           | P      | YEAZEL, J. A.    | 9002270217       | 60-219      | R                | ZIMMERMAN, R. P. | 9003270347  | 50-416    | C |
| WITHERS, B. D.    | 9003010051       | 50-482           | J      | YIN, J. T.       | 9002280299       | PROJ        |                  | ZIMMERMAN, R. P. | 9003202225  | 60-134    | C |
|                   |                  |                  |        |                  | 9003210256       | PROJ        |                  | ZVOLINSKI, J. A. | 900220554*  | 50-155    | C |
|                   |                  |                  |        |                  | 9003150456*      | 50-305      | Q                | ZVOLINSKI, J. A. | 9003180076* | 60-397    | C |
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| AECL, Inc.                             | 9003010425       | PROJ             | Alaska Industrial X-Ray, Inc. (AIX)                       | 9003020220       | 71-308           |
| AK GeoConsult, Inc.                    | 9003010429*      | PROJ             | Aldrich Chemical Co., Inc. (subs. of Sigma Aldrich Corp.) | 9003080458       | XPORTLIC         |
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| AMAX, Inc.                             | 9003070072*      | COMMISS'D        | Alliquippa, PA  | 9003080469*      | XPORTLIC         |
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| ANSI N14 Standards Committee           | 9002270274       | ORG              | Alliance Moving & Storage, Inc.                           | 9003220140*      | CONTRACT         |
| ASEA Atom, Inc.                        | 9003070020       | 50-259           | Alled Chemical Corp.                                      | 8410040450*      | 40-3392          |
| ASEA Brown Boveri, Inc.                | 9003020075       | 50-259           |   | 8503080407*      | 40-3392          |
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| Akin, Gump, Strauss, Hauer & Fold      |                  |                  |   |                  |                  |
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| Alabama Power Co.                      | 9002220408       | 50-384           |   | 9003010240*      | 40-3392          |
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| AUTHOR AFFILIATION   | ACCESSION<br>NUMBER        | SUBJECT<br>CATEGORY | AUTHOR AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |         |
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| Allied-Signal Corp.  | 9003130521*                | 40-3392             |                    | 9003070086          | 50-313 Q            |         |
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| American Institute in Taiwan<br>American Nuclear Corp.   | 9003050279*                | 40-772              |                    | 9003140107          | 50-313 R            |         |
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|  | 9003120225*                | 40-2061             |                    | 9003160201          | 50-313 S            |         |
| Arizona Public Service Co. (formerly<br>Arizona Nuclear Power Project)                                   | 9003120467*                | 40-2061             |                    | 9003160201          | 50-313 H            |         |
|  | 9003120500*                | 40-2061             |                    | 9003190255          | 50-313 F            |         |
|  | 9003120784                 | NUREG               |                    | 9003190255          | 50-313 F            |         |
|  | 9003130149*                | FOIA                |                    | 9003200081          | 50-313 Q            |         |
|  | 9002220484                 | 50-529              | P                  | 9003200081          | 50-313 Q            |         |
|  | 9002260069                 | 50-528              | F                  | 9003200240          | 50-368 S            |         |
|  | 9002260069                 | 50-528              | F                  | 9003200271          | 50-313 R            |         |
|  | 9002260069                 | 50-528              | F                  | 9003200273          | 50-368 R            |         |
|  | 9002270070                 | 50-528              | S                  | 9003200280          | 50-313 Q            |         |
|  |                            |                     |                    | 9003230048          | 50-313 F            |         |
|  | 9002280088                 | 50-528              | S                  | 9003230050          | 50-313 F            |         |
|  | 9003060284                 | 50-528              | S                  | 9003230050          | 50-313 F            |         |
|  | 9003080060                 | 50-530              | S                  | 9003230118          | 50-368 S            |         |
|  | 9003080076                 | 50-530              | S                  | 9003230283          | 50-313 F            |         |
|  | 9003080090                 | 50-528              | S                  | 9003230283          | 50-313 F            |         |
|  | 9003080247                 | 50-528              | R                  | 9003230319          | 50-368 Q            |         |
|  | 9003130587                 | 50-629              | S                  | 9003230321*         | 50-368 Q            |         |
|  | 9003150088                 | 50-528              | O                  | 9003260007*         | 50-368 Q            |         |
|  | 9003150115                 | 50-528              | O                  | 9003260022          | 50-313 P            |         |
|  | 9003150452                 | 50-528              | V                  | 9003260024*         | 50-313 P            |         |
|  | 9003150452                 | 50-528              | V                  | 9003260115          | 50-313 F            |         |
|  | 9003150452                 | 50-528              | V                  | 9003260116          | 50-313 F            |         |
|  | 9003150459                 | 50-528              | V                  | 9003260123          | 50-313 P            |         |
|  | 9003150459                 | 50-528              | V                  | 9002280151*         | CONTRACT            |         |
|  | 9003150459                 | 50-528              | V                  | 9003080288          | 50-606 A            |         |
|  | 9003160044                 | 50-528              | V                  | 9002220585*         | COMMISSIO           |         |
|  | 9003160044                 | 50-528              | V                  | 9002270243          | 50-170 S            |         |
|  | 9003160044                 | 50-528              | V                  |                     |                     |         |
|  | 9003160094                 | 50-528              | Q                  | 9003060207*         | 50-170 S            |         |
|  | 9003160305                 | 50-528              | Q                  | 9003060212*         | 50-170 S            |         |
|  | 9003160305                 | 50-528              | Q                  | 9003060218*         | 50-170 S            |         |
|  | 9003160305                 | 50-528              | Q                  | 9003130483          | 40-8027             |         |
|  | 9003190173                 | 50-528              | R                  | 9003120291*         | 40-2061             |         |
|  | 9003220273                 | 50-530              | S                  | 9003120300*         | 40-2061             |         |
|  | 9003220292                 | 50-528              | P                  | 9003120369*         | 40-2061             |         |
|  | 9003220292                 | 50-528              | P                  | 9003120457*         | 40-2061             |         |
|  | 9003220292                 | 50-628              | P                  | 9002270118*         | CONTRACT            |         |
|  | 9003220294*                | 50-528              | P                  | 9002220371          | 50-3                |         |
|  | 9003220294*                | 50-528              | P                  | 9002260336*         | CONTRACT            |         |
|  | 9003220294*                | 50-528              | P                  | 9003070082          | QA999               |         |
|  | 9003280573                 | 50-528              | P                  |                     |                     |         |
|  | 9003280584                 | 50-530              | Q                  | 9002260574          | TOPREP              |         |
|  | 9003280586*                | 50-530              | Q                  | 9002270253          | I&E                 |         |
|  | 9003270339                 | 50-529              | O                  | 9003140005          | TOPREP              |         |
|  | 9003060167*                | CONTRACT            |                    | 9002260046          | TOPREP              |         |
|  | Arkansas Power & Light Co. | 9003070258          | NUREG              |                     | 9003070265          | NUREG   |
|  |                            | 9003090013          | 60-113             | F                   | 9003090054          | 70-27   |
|  |                            | 9003140275          | 50-113             | F                   | 9003120756          | 70-1201 |
|  |                            | 9002260554          | 50-313             | F                   | 9003200097          | 70-27   |
|  |                            | 9002270444          | 50-313             | Q                   | 9003280096          | TOPREP  |
|  | 9002280277                 | 50-388              | R                  |                     |                     |         |
|  | 9002280280*                | 50-388              | R                  | 9003280135          | TOPREP              |         |
|  | 9002280281*                | 50-388              | R                  | 9003010165          | 50-443              |         |
|  | 9002280281*                | 50-388              | R                  | 9003050086          | 50-443              |         |
|  | 9003010044                 | 50-313              | R                  | 9003050088          | 50-443              |         |
|  | 9003010050*                | 50-313              | R                  | 9003050121*         | 50-443              |         |
|  | 9003020285                 | 50-313              | Q                  | 9003050121*         | 50-443              |         |
|  | 9003060308                 | 50-368              | S                  | 9003160070          | 50-443              |         |
|  | 9003070096                 | 50-313              | Q                  | 9002220442          | 50-317              |         |
|  |                            |                     |                    | 9002220518          | 50-317              |         |
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| AUTHOR AFFILIATION  | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION                       | ACCESSION NUMBER | SUBJECT CATEGORY |
|---|------------------|------------------|--|------------------|------------------|
|   | 9002220535       | 50-317           |  | 9002260205       | 50-293           |
|   | 9002230470       | 50-317           |  | 9003010460       | 50-293           |
|   | 9002230478       | 50-317           |  | 9003020180       | 50-293           |
|   | 9002260452       | 50-317           |  | 9003050143       | 50-293           |
|   | 9003010278       | 50-317           |  | 9003080041       | 50-293           |
|   | 9003010357       | 50-317           |  | 9003080047       | 50-293           |
|   | 9003010368*      | 50-317           |  | 9003080087*      | 50-293           |
|   | 9003020033       | 50-318           |  | 9003080234       | 50-293           |
|   | 9003020118       | 50-317           |  | 9003070086       | 50-293           |
|   | 9003020308       | 50-317           |  | 9003080255       | 50-293           |
|   | 9003080001       | 50-317           |  | 9003120751       | 50-293           |
|   | 9003080002*      | 50-317           |  | 9003150287       | 50-293           |
|   | 9003080002*      | 50-317           |  | 9003210304*      | 50-293           |
|   | 9003060014       | 50-317           |  | 9003220063       | 50-293           |
|   | 9003080048       | 50-317           |  | 9003230001       | 50-293           |
|   | 9003080048       | 50-317           |  | 9003230113       | 50-293           |
|   | 9003080400       | 50-317           |  | 9003270032       | 50-293           |
|   | 9003080400       | 50-317           | Brattleboro, VT                          | 9003270148*      | CONTRACT         |
|   | 9003080413       | 60-317           | Briggs Associates, Inc. (formerly Briggs | 9003130781       | 71-363           |
|   | 9003080413       | 50-317           | Engineering Testing, Inc.)               |                  |                  |
|   | 9003080475       | 50-317           | Brookhaven National Laboratory           | 9003070194       | NUREG            |
|   | 9003080489       | 60-317           |  | 9003070250       | NUREG            |
|   | 9003080499       | 50-317           |  | 9003070261       | NUREG            |
|   | 9003090050       | 50-317           | C&P Telephone Co. of Maryland            | 9003090244*      | CONTRACT         |
|   | 9003090050       | 50-317           | C-E Operating Plants Owners Group        | 9002260401       | TOPREP           |
|   | 9003090065       | 60-317           |  | 9003210230       | TOPREP           |
|   | 9003090065       | 50-317           | CYGNA Energy Services                    | 9003060045*      | 50-293           |
|   | 9003090135       | 60-317           | California, State of                     | 9003140452       | STATE PRO        |
|   | 9003090135       | 50-317           |  | 9003150231       | STATE PRO        |
|   | 9003090136*      | 50-317           | California, Univ. of, Berkeley, CA       | 9002280228       | ACRS             |
|   | 9003090136*      | 60-317           | California, Univ. of, Irvine, CA         | 9002270258*      | CONTRACT         |
|   | 9003090137*      | 60-317           |  | 9002280287       | ACRS             |
|   | 9003090137*      | 50-317           | California, Univ. of, Los Angeles, CA    | 9003020288*      | CONTRACT         |
|   | 9003090242       | 50-317           | California, Univ. of, Santa Barbara, CA  | 9003020052*      | CONTRACT         |
|   | 9003090242       | 50-317           | Callaway County, MO                      | 9002270158*      | CONTRACT         |
|   | 9003090251       | 50-318           | Calvert County, MD                       | 9002270241*      | CONTRACT         |
|   | 9003090254       | 60-317           | Canada, Govt. of                         | 9003050136       | 71-82            |
|   | 9003090254       | 50-317           | Carolina Power & Light Co.               | 9002220480       | 50-324           |
|   | 9003090260       | 50-317           |  | 9002220541       | 50-261           |
|   | 9003090260       | 50-317           |  | 9002260065       | 50-324           |
|   | 9003140377       | 50-318           |  | 9002260085       | 50-324           |
|   | 9003140420       | 50-317           |  | 9002260270       | 50-324           |
|   | 9003150280       | 50-317           |  | 9002260273*      | 50-324           |
|   | 9003150410       | 50-317           |  | 9002260273*      | 50-324           |
|   | 9003160143       | 50-317           |  | 9002260276*      | 50-324           |
|   | 9003160145*      | 50-317           |  | 9002260275*      | 50-324           |
|   | 9003160137       | 50-317           |  | 9002260338       | 50-324           |
|   | 9003160156       | 50-317           |  | 9002270032       | 50-324           |
|   | 9003160166       | 50-317           |  | 9002270074       | 50-400           |
|   | 9003160167       | 50-317           |  | 9002270076       | 50-400           |
|   | 9003160167       | 50-317           |  | 9002270237       | 50-261           |
|   | 9003160248       | 50-317           |  | 9002270329       | 50-324           |
|   | 9003160276       | 60-317           |  | 9002270329       | 50-324           |
|   | 9003160276       | 50-317           |  | 9002280025*      | 50-324           |
|   | 9003160276*      | 50-317           |  | 9002280025*      | 50-324           |
|   | 9003160276*      | 50-317           |  | 9003010329       | 50-324           |
|   | 9003200195       | 50-317           |  | 9003010329       | 50-324           |
|   | 9003200195       | 50-317           |  | 9003010470       | 50-261           |
|   | 9003210302       | 50-293           |  | 9003020042       | 50-261           |
|   | 9003220081       | 50-317           |  | 9003020060       | 50-261           |
|   | 9003220072       | 50-317           |  | 9003020234       | 50-324           |
|   | 9003220072       | 50-317           |  | 9003020234       | 50-324           |
|   | 9003220075       | 50-317           |  | 9003020246       | 50-261           |
|   | 9003220125       | 50-317           |  | 9003050154       | 50-324           |
|   | 9003230059       | 60-317           |  | 9003050241*      | 50-324           |
|   | 9003230059       | 50-317           |  | 9003050244*      | 50-324           |
|   | 9003270026       | 60-317           |  | 9003050269       | 50-324           |
|   | 9003270086       | 60-317           |  | 9003050250       | 50-324           |
|   | 9003270227       | 50-317           |  | 9003050269       | 50-324           |
|   | 9003270344       | 60-317           |  | 9003050259       | 50-324           |
| Battelle Memorial Institute, Columbus Laboratories        | 9003020202*      | CONTRACT         |  | 9003060008       | 50-324           |
|   | 9003060104       | 70-8             |  | 9003060008       | 50-324           |
|   | 9003060106*      | 70-8             |  | 9003060017*      | 50-324           |
|   | 9003190303       | NUREG            |  | 9003060017*      | 50-324           |
| Battelle Memorial Institute, Pacific Northwest Laboratory | 9003070190       | NUREG            |  | 9003060101       | 50-261           |
|   | 9003070227       | NUREG            |  | 9003080152       | 50-400           |
|   | 9003260095       | WASTE MGT        |  | 9003080156*      | 50-400           |
| Baxley, GA  | 9003050092*      | CONTRACT         |  | 9003080167*      | 50-400           |
|   |                  |                  |  | 9003080222       | 50-325           |
|   |                  |                  |  | 9003080251       | 50-325           |
| Bechtel National, Inc.                                    | 9003180235*      | WASTE MGT        |  | 9003070090       | 50-324           |
| Bechtel Power Corp.                                       | 9003280247       | FOIA             |  | 9003070107       | 50-261           |
| Berie, Kass & Case (formerly Berie, Butzel, Kass & Case)  | 9003210193       | 70-687           |  | 9003070107       | 50-261           |
|   | 9003210215*      | 70-687           |  | 9003070112*      | 50-261           |
|   |                  |                  |  | 9003070164*      | 50-261           |
| Bishop, Cook, Purcell & Reynolds                          | 9003160321       | I&E              |  | 9003070167*      | 50-261           |
|   | 9003230165       | PR               |  | 9003070157*      | 50-261           |
| Boeing Co.  | 9003210128       | PR               |  | 9003080134       | 50-261           |
| Boston Edison Co.   | 9002220386       | 50-293           | P  | 9003080139       | 50-400           |

| AUTHOR AFFILIATION                           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|--|------------------|------------------|--------------------|------------------|------------------|
|  | 9003080151       | 50-324           |                    | 9003070181       | WASTE MGT        |
|  | 9003080151       | 50-324           |                    | 9003070182*      | WASTE MGT        |
|  | 9003080209       | 50-261           |                    | 9003070208*      | WASTE MGT        |
|  | 9003080209       | 50-261           |                    | 9003070288*      | WASTE MGT        |
|  | 9003080358       | 50-400           |                    | 9003070293*      | WASTE MGT        |
|  | 9003080420       | 50-324           |                    | 9003120346       | 50-440           |
|  | 9003080433       | 50-324           |                    | 9003210259       | PR               |
|  | 9003080435       | 50-324           |                    |                  |                  |
|  | 9003080503       | 50-324           |                    | 9003210109       | PR               |
|  | 9003080503       | 50-324           |                    |                  |                  |
|  | 9003080504*      | 50-324           |                    | 9002270093       | XPORTLIC         |
|  | 9003080504*      | 50-324           |                    | 9003130123*      | 40-2081          |
|  | 9003090007       | 50-400           |                    |                  |                  |
|  | 9003090073       | 50-324           |                    | 9003010403*      | CONTRACT         |
|  | 9003090073       | 50-324           |                    | 9002270235       | 71-9168          |
|  | 9003090084       | 50-324           |                    | 9002270240*      | 71-9168          |
|  | 9003090084       | 50-324           |                    | 9003010486       | PROJ             |
|  | 9003090169       | 50-324           |                    | 9003060254       | 71-5939          |
|  | 9003090169       | 50-324           |                    | 9003060261*      | 71-5939          |
|  | 9003090437       | 50-324           |                    | 9003060263       | 27-47            |
|  | 9003090437       | 50-324           |                    | 9003060265*      | 27-47            |
|  | 9003090511       | 50-324           |                    | 9003060267*      | 27-47            |
|  | 9003090511       | 50-324           |                    | 9003060268*      | 27-47            |
|  | 9003090512       | 50-400           |                    | 9003060270*      | 27-47            |
|  | 9003090515*      | 50-324           |                    | 9003060271*      | 27-47            |
|  | 9003090515*      | 50-324           |                    | 9003060272*      | 27-47            |
|  | 9003090518       | 50-324           |                    | 9003060275*      | 27-47            |
|  | 9003090518*      | 50-324           |                    | 9003220258       | 71-5930          |
|  | 9003120747       | 50-325           |                    | 9003220260*      | 71-5939          |
|  | 9003120752*      | 50-325           |                    | 9003020152       | 70-925           |
|  | 9003120784       | 50-324           |                    | 9003230310       | 70-1193          |
|  | 9003120784       | 50-324           |                    | 9003050050*      | 50-54            |
|  | 9003130028       | 50-400           |                    | 9003140266       | 70-687           |
|  | 9003130736*      | 50-219           |                    | 9003190380       | 50-54            |
|  | 9003140035       | 50-400           |                    | 9003210218       | PR               |
|  | 9003140279       | 50-261           |                    | 9003220010       | 50-445           |
|  | 9003140269       | 50-261           |                    | 9003270056*      | 50-445           |
|  | 9003140289       | 50-261           |                    | 9003130249*      | 40-2081          |
|  | 9003140289       | 50-261           |                    | 9002230456       | 50-440           |
|  | 9003140289       | 50-261           |                    | 9003080303       | 50-440           |
|  | 9003140387*      | 50-368           |                    | 9003080417       | 50-440           |
|  | 9003140466       | 50-324           |                    | 9003080422*      | 50-440           |
|  | 9003140466       | 50-324           |                    | 9003120452       | 50-440           |
|  | 9003150034       | 50-261           |                    | 9003120580       | 50-440           |
|  | 9003160328       | 50-324           |                    | 9003140028       | 50-440           |
|  | 9003180088       | 50-400           |                    | 9003150379       | 50-440           |
|  | 9003180091*      | 50-400           |                    | 9003180281       | 50-440           |
|  | 9003180238       | 50-324           |                    | 9003180286       | 50-440           |
|  | 9003200026       | 50-261           |                    | 9003200002       | 50-440           |
|  | 9003200134       | 50-400           |                    | 9003200108       | 50-440           |
|  | 9003210295       | 50-324           |                    | 9003200437       | 50-440           |
|  | 9003210295       | 50-324           |                    | 9003210285       | 50-440           |
|  | 9003210297*      | 50-324           |                    | 9003210286*      | 50-440           |
|  | 9003210355       | 50-324           |                    | 9003210290       | 50-440           |
|  | 9003210355       | 50-324           |                    | 9003210293*      | 50-440           |
|  | 9003220035       | 50-261           |                    | 9003220011       | 50-440           |
|  | 9003220053       | 50-324           |                    | 9003230002       | 50-440           |
|  | 9003220055       | 50-324           |                    | 9003230108       | 50-440           |
|  | 9003220205       | 50-324           |                    | 9003020174       | 40-8714          |
|  | 9003220205       | 50-324           |                    | 9002270276*      | CONTRACT         |
|  | 9003220206*      | 50-324           |                    | 9003020222       | 71-114           |
|  | 9003220206*      | 50-324           |                    | 9003020278*      | 71-114           |
|  | 9003230082       | 50-261           |                    | 9003010261       | 40-8907          |
|  | 9003260268       | 50-324           |                    | 9003020295*      | CONTRACT         |
|  | 9003260352       | 50-261           |                    | 9003150271       | STATE PRO        |
|  | 9003260352       | 50-261           |                    | 9003160011       | STATE PRO        |
|  | 9003260359*      | 50-261           |                    | 9003200100       | 50-282           |
|  | 9003260359*      | 50-261           |                    | 9002280243       | 70-38            |
|  | 9003270341       | 50-400           |                    | 9002280404       | TOPREP           |
| Carpenter Technology Corp.                   | 9003150224       | XPORTLIC         |                    | 9003010069*      | CONTRACT         |
| Case Western Reserve Univ., Cleveland, O     | 9003190126*      | 70-145           |                    | 9003020028       | 70-38            |
|  | 9003190130*      | FOIA             |                    | 9003080090       | 71-6294          |
|  | 9003190136*      | 70-145           |                    | 9003060141*      | 50-389           |
|  | 9003190172*      | FOIA             |                    | 9003140001       | TOPREP           |
|  | 9003190176*      | FOIA             |                    | 9003140002*      | TOPREP           |
| Caterpillar Tractor Co.                      | 9003220251       | 71-349           |                    | 9003150465*      | 71-6294          |
| Catholic Univ. of America, Washington, D     | 9003210186*      | FOIA             |                    | 9003200079       | 70-36            |
| Cedar Rapids, IA                             | 9002270185*      | CONTRACT         |                    | 9003210139       | PR               |
| Center for Nuclear Responsibility            | 9003010109       | 50-250           |                    | 9003210232*      | TOPREP           |
|  | 9003010109       | 50-250           |                    | 9003210234*      | TOPREP           |
|  | 9003010137       | 50-250           |                    | 9003260466       | 70-1100          |
|  | 9003010137       | 50-250           |                    | 9003260577*      | 50-528           |
|  | 9003190038       | 50-250           |                    | 9002140053*      | 50-445           |
|  | 9003190038       | 50-250           |                    | 9003010241       | 70-25            |
|  | 9003190059*      | 50-250           |                    | 9003190087       | 70-25            |
|  | 9003190059*      | 50-250           |                    |                  |                  |
| Center for Nuclear Waste Regulatory Analyses | 9002260535*      | WASTE MGT        |                    | 9009180653*      | 50-10            |
|  | 9002260535*      | WASTE MGT        |                    | 9002220465       | 50-454           |
|  | 9002260537*      | WASTE MGT        |                    | 9002220514       | 50-456           |
|  |                  |                  |                    | 9002230133       | 50-254           |

| AUTHOR AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR AFFILIATION | ACCESSION<br>NUMBER | CATEGORY |   |
|--------------------|---------------------|---------------------|--------------------|---------------------|----------|---|
|                    | 9002230133          | 50-264              | F                  | 9003090079*         | 50-373   | P |
|                    | 9002230500          | 50-254              | F                  | 9003090089          | 50-456   | P |
|                    | 9002230500          | 50-254              | F                  | 9003090088          | 50-237   | P |
|                    | 9002260176          | 50-456              | P                  | 9003090097          | 50-454   | R |
|                    | 9002260176          | 50-456              | P                  |                     |          |   |
|                    | 9002260178*         | 50-456              | P                  | 9003090099*         | 50-237   | P |
|                    | 9002260178*         | 60-456              | P                  | 9003090101*         | 50-237   | P |
|                    | 9002260247          | 60-295              | S                  | 9003090141          | 50-373   | R |
|                    | 9002260283*         | 50-295              | Q                  | 9003090141          | 50-373   | R |
|                    | 9002260303          | 50-373              |                    | 9003090142          | 50-295   | P |
|                    |                     |                     |                    |                     |          |   |
|                    | 9002260559          | 50-237              | P                  | 9003090142          | 50-295   | P |
|                    | 9002260569          | 50-237              | P                  | 9003090150          | 50-454   | P |
|                    | 9002260559          | 50-237              | P                  | 9003090165*         | 50-295   | P |
|                    | 9002260559          | 50-237              | P                  | 9003090302          | 50-373   | F |
|                    | 9002260559          | 50-237              | P                  | 9003090415          | 50-10    | F |
|                    |                     |                     |                    |                     |          |   |
|                    | 9002260559          | 50-237              | P                  | 9003090471          | 50-237   | R |
|                    | 9002260559          | 50-237              | P                  | 9003090471          | 50-237   | R |
|                    | 9002260559          | 50-237              | P                  | 9003090471          | 50-237   | R |
|                    | 9002260559          | 50-237              | P                  | 9003090471          | 50-237   | R |
|                    | 9002260559          | 50-237              | P                  | 9003090477*         | 50-237   | R |
|                    |                     |                     |                    |                     |          |   |
|                    | 9002260559          | 50-237              | P                  | 9003090477*         | 50-237   | R |
|                    | 9002260559          | 50-237              | P                  | 9003090483*         | 50-237   | R |
|                    | 9002260559          | 50-237              | P                  | 9003090483*         | 50-237   | R |
|                    | 9002260559          | 50-237              | P                  | 9003090483*         | 50-237   | R |
|                    | 9002260572          | 50-456              | R                  | 9003090484*         | 50-237   | R |
|                    | 9002260572          | 50-456              | R                  | 9003090484*         | 50-237   | R |
|                    |                     |                     |                    |                     |          |   |
|                    | 9002260575          | 50-10               | R                  | 9003090488*         | 50-237   | R |
|                    | 9002270406          | 50-254              | Q                  | 9003090488*         | 50-237   | R |
|                    | 9002270406          | 50-254              | Q                  | 9003090488*         | 50-237   | R |
|                    | 9002270419          | 50-454              | F                  | 9003090488*         | 50-237   | R |
|                    | 9002270428          | 50-454              | R                  | 9003090490*         | 50-237   | R |
|                    |                     |                     |                    |                     |          |   |
|                    | 9002280140          | 50-254              | R                  | 9003090490*         | 50-237   | R |
|                    | 9002280140          | 50-254              | R                  | 9003120041          | 50-454   | T |
|                    | 9002280213          | 50-373              | S                  | 9003120084          | 50-10    | T |
|                    | 9002280219          | 50-295              | R                  | 9003120084          | 50-295   | T |
|                    | 9002280219          | 50-295              | R                  | 9003120103          | 50-254   | T |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003010052          | 50-454              | S                  | 9003120103          | 50-254   | F |
|                    | 9003010476          | 50-454              | F                  | 9003120169          | 50-295   | P |
|                    | 9003020007          | 50-237              | Q                  | 9003120469          | 50-295   | D |
|                    | 9003020007          | 50-237              | Q                  | 9003130084          | 50-295   | Q |
|                    | 9003020007          | 50-237              | Q                  | 9003130093          | 50-254   |   |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003020007          | 50-237              | O                  | 9003130093          | 50-254   | O |
|                    | 9003020007          | 50-237              | O                  | 9003130319          | 50-295   | O |
|                    | 9003020007          | 50-237              | O                  | 9003130319          | 50-295   | O |
|                    | 9003020007          | 50-237              | O                  | 9003130545          | 50-237   | P |
|                    | 9003020007          | 50-237              | O                  | 9003140070          | 50-254   | S |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003020007          | 50-237              | O                  | 9003140141          | 50-254   | S |
|                    | 9003020007          | 50-237              | O                  | 9003140147          | 50-265   | S |
|                    | 9003020007          | 50-237              | O                  | 9003140316          | 50-454   | P |
|                    | 9003020007          | 50-237              | O                  | 9003140316          | 50-373   | R |
|                    | 9003020007          | 50-237              | O                  | 9003140316          | 50-373   | R |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003020008          | 50-295              | R                  | 9003140318          | 50-237   | F |
|                    | 9003020008          | 50-295              | R                  | 9003140318          | 50-237   | F |
|                    | 9003020009*         | 50-295              | R                  | 9003140371          | 50-295   | P |
|                    | 9003020010*         | 50-295              | R                  | 9003140371          | 50-295   | P |
|                    | 9003020162          | 50-295              | Q                  | 9003140404          | 50-249   | S |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003020202          | 50-10               | F                  | 9003150008          | 50-373   | P |
|                    | 9003050033          | 50-10               | F                  | 9003150101          | 50-454   | F |
|                    | 9003050033          | 50-10               | F                  | 9003150163          | 50-454   | F |
|                    | 9003050033          | 50-10               | F                  | 9003150183          | 50-454   | F |
|                    | 9003050102          | 50-373              | R                  | 9003150257          | 50-454   | R |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003050102          | 50-373              | R                  | 9003150257          | 50-454   | R |
|                    | 9003050114          | 50-295              | F                  | 9003150291          | 50-374   | S |
|                    | 9003050126          | 50-295              | F                  | 9003150377          | 50-254   | S |
|                    | 9003050126          | 50-295              | F                  | 9003150337          | 50-374   | S |
|                    | 9003050173          | 50-10               | R                  | 9003160047          | 50-373   | Q |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003050173          | 50-10               | R                  | 9003160051*         | 50-373   | Q |
|                    | 9003050213          | 50-454              | R                  | 9003160073*         | 50-304   | P |
|                    | 9003050218*         | 50-454              | R                  | 9003160116          | 50-373   | P |
|                    | 9003050301          | 50-295              | S                  | 9003160172          | 50-295   | F |
|                    | 9003060022          | 50-295              | Q                  | 9003160208          | 50-295   | F |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003060114          | 50-374              | S                  | 9003160208          | 50-295   | F |
|                    | 9003060160          | 50-295              | R                  | 9003160313          | 50-254   | F |
|                    | 9003060160          | 50-295              | R                  | 9003160463          | 50-254   | F |
|                    | 9003060180          | 50-295              | P                  | 9003160463          | 50-254   | F |
|                    | 9003060168          | 50-254              | S                  | 9003160195          | 50-295   | S |
|                    | 9003060256          | 50-373              | S                  |                     |          |   |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003070048          | 50-456              | P                  | 9003160283          | 50-249   | S |
|                    | 9003070263          | 50-249              | S                  | 9003160363          | 50-10    | T |
|                    | 9003080087          | 50-373              | S                  | 9003200036          | 50-10    | T |
|                    | 9003080135          | 50-295              | R                  | 9003200036          | 50-10    | T |
|                    | 9003080141*         | 50-295              | R                  | 9003200041          | 50-254   | Q |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003090071          | 50-10               | F                  | 9003200055          | 50-456   | Q |
|                    | 9003090071          | 50-10               | F                  | 9003200145          | 50-454   | R |
|                    | 9003090071          | 50-10               | F                  | 9003200317          | 50-10    | R |
|                    | 9003090071          | 50-10               | F                  | 9003200317          | 50-10    | R |
|                    | 9003090071          | 50-10               | F                  | 9003200317          | 50-10    | R |
|                    |                     |                     |                    |                     |          |   |
|                    | 9003090071          | 50-10               | F                  | 9003210137          | 50-304   | P |
|                    | 9003090074          | 50-373              | P                  | 9003210208          | 50-373   | F |
|                    | 9003090074          | 50-373              | P                  | 9003210253          | 50-295   | R |
|                    | 9003090079*         | 50-373              | P                  | 9003210253          | 50-295   | R |

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| AUTHOR AFFILIATION                     | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
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| of, Defense Nuclear Agency, Denver, CO | 9002270439*      | CONTRACT         |                    | 9003090328       | 50-369 R         |
|  | 9002270218       | 50-170 S         |                    | 9003090328       | 50-369 R         |
|  | 9002260502*      | 50-255 S         |                    | 9003090328       | 50-369 R         |
|  | 9003080082       | PT21             |                    | 9003090328       | 50-369 R         |
|  | 9003220266       | WASTE MGT        |                    | 9003090328       | 50-369 R         |
| n Institute                            | 9002220454       | 50-341           |                    | 9003090328       | 50-369 R         |
|  | 9003010383       | 50-341           |                    | 9003090331*      | 50-369 R         |
|  | 9003050187       | 50-341           |                    | 9003090331*      | 50-369 R         |
|  | 9003050192       | 50-341           |                    | 9003090331*      | 50-369 R         |
|  | 9003070069       | 50-341           |                    | 9003090332*      | 50-369 R         |
| Co.                                    | 9003070070*      | 50-341           |                    | 9003090339*      | 50-369 R         |
|  | 9003070073*      | 50-341           |                    | 9003090340*      | 50-369 R         |
|  | 9003070346       | 50-341           |                    | 9003090348*      | 50-369 R         |
|  | 9003080331       | 50-341           |                    | 9003090348*      | 50-369 R         |
|  | 9003080361       | 50-341           |                    | 9003090346*      | 50-369 R         |
|  | 9003090003*      | 50-341           |                    | 9003090348*      | 50-369 R         |
|  | 9003090005*      | 50-341           |                    | 9003090348*      | 50-369 R         |
|  | 9003130264       | 50-341           |                    | 9003090348*      | 50-369 R         |
|  | 9003130285       | 50-341           |                    | 9003090350*      | 50-369 R         |
|  | 9003150375       | 50-341           |                    | 9003090350*      | 50-369 R         |
|  | 9003150399       | 60-341           |                    | 9003090350*      | 50-369 R         |
|  | 9003180214       | 50-341           |                    | 9003090350*      | 50-369 R         |
|  | 9003180499       | 50-341           |                    | 9003090351*      | 50-369 R         |
|  | 9003190189*      | 50-341           |                    | 9003090351*      | 50-369 R         |
|  | 9003190365       | 50-341           |                    | 9003090351*      | 50-369 R         |
|  | 9003200119       | 50-341           |                    | 9003090351*      | 50-369 R         |
|  | 9003200185       | 50-341           |                    | 9003090351*      | 50-369 R         |
|  | 9003210008       | 50-341           |                    | 9003090351*      | 50-369 R         |
|  | 9003210013*      | 50-341           |                    | 9003090351*      | 50-369 R         |
|  | 9003210014*      | 50-341           |                    | 9003090351*      | 50-369 R         |
| usine & Livery Services,               | 9003280345       | 50-341           |                    | 9003090367       | 50-413 R         |
|  | 9002140296*      | CONTRACT         |                    | 9003090367       | 50-413 R         |
|  | 9002260546*      | WASTE MGT        |                    | 9003090514       | 50-269 Q         |
|  | 9002270433*      | CONTRACT         |                    | 9003090514       | 50-269 Q         |
|  | 9002270433*      | CONTRACT         |                    | 9003090514       | 50-269 Q         |
| Technologies                           | 9003210246       | PR               |                    | 9003120141       | 50-369 Q         |
|  | 9002270447*      | CONTRACT         |                    | 9003120141       | 50-369 Q         |
|  | 9002220511       | 50-413           |                    | 9003120590       | 60-413 S         |
|  | 9002220511       | 60-413           |                    | 9003130002       | 60-413 S         |
|  | 9002230333       | 50-413           |                    | 9003130033       | 50-369 P         |
| New York                               | 9002230333       | 50-413           |                    | 9003130033       | 60-369 P         |
|  | 9002230336*      | 50-413           |                    | 9003130033       | 60-369 P         |
|  | 9002230336*      | 50-413           |                    | 9003130033       | 60-369 P         |
|  | 9002230341*      | 50-413           |                    | 9003130033       | 60-369 P         |
|  | 9002230341*      | 60-413           |                    | 9003130627       | 50-413 S         |
| D.                                     | 9002230347       | 60-369           |                    | 9003130634       | 50-413 S         |
|  | 9002230347       | 50-369           |                    | 9003130651       | 50-414 S         |
|  | 9002230349*      | 50-369           |                    | 9003130711       | 60-269 F         |
|  | 9002230340*      | 50-369           |                    | 9003130721*      | 60-269 F         |
|  | 9002230353*      | 50-369           |                    | 9003130721*      | 60-269 F         |
|  | 9002230353*      | 50-369           |                    | 9003130721*      | 50-269 F         |
|  | 9002260071       | 50-269           |                    | 9003130721*      | 50-269 F         |
|  | 9002260071       | 50-269           |                    | 9003130721*      | 50-269 F         |
|  | 9002260071       | 50-269           |                    | 9003130721*      | 50-269 F         |
|  | 9002260134       | 50-369           |                    | 9003130721*      | 50-269 F         |
|  | 9002260136*      | 50-369           |                    | 9003140010       | 50-369 S         |
|  | 9002260140       | 60-269           |                    | 9003140104       | 50-369 F         |
|  | 9002260392       | 60-413           |                    | 9003140104       | 50-369 F         |
|  | 9002260395       | 50-413           |                    | 9003140111*      | 60-368 F         |
|  | 9002260532       | 50-269           |                    | 9003140258       | 50-269 Q         |
|  | 9002260532       | 50-269           |                    | 9003140258       | 50-269 Q         |
|  | 9002260532       | 50-269           |                    | 9003140258       | 50-269 Q         |
|  | 9002260532       | 50-269           |                    | 9003140258       | 50-269 Q         |
|  | 9002260532       | 50-269           |                    | 9003140258       | 50-269 Q         |
|  | 9002260532       | 50-269           |                    | 9003140274       | 50-267 P         |
|  | 9002260532       | 50-269           |                    | 9003140283       | 50-269 R         |
|  | 9002260532       | 50-269           |                    | 9003140283       | 50-269 R         |
|  | 9002260532       | 50-269           |                    | 9003140283       | 50-269 R         |
|  | 9002260569       | 50-269           |                    | 9003140290       | 50-269 P         |
|  | 9002270044       | 60-369           |                    | 9003140290       | 50-269 P         |
|  | 9002270044       | 50-369           |                    | 9003140290       | 50-269 P         |
|  | 9002270048*      | 60-369           |                    | 9003140290       | 50-269 P         |
|  | 9002270049*      | 50-369           |                    | 9003140290       | 50-269 P         |
|  | 9003010229       | 50-287           |                    | 9003140303       | 50-269 R         |
|  | 9003010287       | PR               |                    | 9003140303       | 50-269 R         |
|  | 9003020241       | 50-369           |                    | 9003140303       | 60-269 R         |
|  | 9003050008       | 50-269           |                    | 9003140434       | 50-269 Y         |
|  | 9003060016       | 60-369           |                    | 9003140434       | 50-269 Y         |
|  | 9003070007       | 50-287           |                    | 9003140437       | 60-269 F         |
|  | 9003080339       | 50-269           |                    | 9003140437       | 50-269 F         |
|  | 9003080339       | 60-269           |                    | 9003140437       | 50-269 F         |
|  | 9003080339       | 50-269           |                    | 9003140440*      | 50-269 F         |
|  | 9003080366       | 60-370           |                    | 9003140440*      | 50-269 F         |
|  | 9003080447       | 50-413           |                    | 9003140440*      | 50-269 F         |
|  | 9003080464       | 50-413           |                    | 9003150227       | 50-369 R         |
|  | 9003090164       | 60-287           |                    | 9003150227       | 50-369 R         |
|  | 9003090191*      | 60-287           |                    | 9003160251       | 60-269 P         |
|  | 9003090216       | 50-413           |                    | 9003160251       | 60-269 P         |
|  | 9003090216       | 60-413           |                    | 9003160251       | 60-269 P         |
|  | 9003090328       | 60-369           |                    | 9003160251       | 60-269 P         |

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|--------------------|------------------|------------------|--------------------|------------------|------------------|
|                    | 9003160287       | 50-413           |                    | 9003120744       | NUREG            |
|                    | 9003160297       | 50-413           |                    | 9003120764       | NUREG            |
|                    | 9003160297       | 50-413           |                    | 9003130166*      | 50-498           |
|                    | 9003160335       | 50-369           |                    | 9003190269       | NUREG            |
|                    | 9003160345       | 50-413           |                    | 9003230317*      | 71-4986          |
|                    | 9003190070       | 50-413           |                    | 9002280182*      | 71-185           |
|                    | 9003190070       | 50-413           |                    | 9002280562*      | 40-6948          |
|                    | 9003200010       | 50-269           |                    |                  |                  |
|                    | 9003200153       | 50-269           |                    | 9003190325*      | FOIA             |
|                    | 9003200153       | 50-269           |                    | 9002270233       | 71-26            |
|                    | 9003200153       | 50-269           |                    |                  |                  |
|                    | 9003200157*      | 50-269           |                    | 9003050284*      | 40-772           |
|                    | 9003200157*      | 50-269           |                    |                  |                  |
|                    | 9003200157*      | 50-269           |                    | 9003080088*      | CONTRACT         |
|                    | 9003200160*      | 50-269           |                    | 9003220211       | XPORTLIC         |
|                    |                  |                  |                    | 9003220213*      | XPORTLIC         |
|                    | 9003200160*      | 50-269           |                    |                  |                  |
|                    | 9003200160*      | 50-269           |                    | 9003220235       | XPORTLIC         |
|                    | 9003200167       | 50-413           |                    | 9003220236*      | XPORTLIC         |
|                    | 9003200167       | 50-413           |                    | 9003080114*      | PROJ             |
|                    | 9003200172*      | 50-413           |                    | 9003130549       | FOIA             |
|                    |                  |                  |                    | 9002270267*      | CONTRACT         |
|                    | 9003200172*      | 50-413           |                    |                  |                  |
|                    | 9003200176*      | 50-413           |                    | 9002010156       | WASTE MGT        |
|                    | 9003200176*      | 50-413           |                    | 9002060084       | WASTE MGT        |
|                    | 9003200176*      | 50-413           |                    | 9002070470       | WASTE MGT        |
|                    | 9003200180       | 50-369           |                    | 9002090085       | WASTE MGT        |
|                    | 9003200183*      | 50-369           |                    | 9002130160       | WASTE MGT        |
|                    |                  |                  |                    |                  |                  |
|                    | 9003200183*      | 50-369           |                    | 9002130183       | WASTE MGT        |
|                    | 9003200184*      | 50-369           |                    | 9002160185       | WASTE MGT        |
|                    | 9003200184*      | 50-369           |                    | 9002150191       | WASTE MGT        |
|                    | 9003200258       | 50-287           |                    | 9302260093       | WASTE MGT        |
|                    | 9003200382       | 50-287           |                    | 9002260103*      | WASTE MGT        |
|                    |                  |                  |                    |                  |                  |
|                    | 9003210133       | 50-269           |                    | 9002260159*      | COMMISSIO        |
|                    | 9003210133       | 50-269           |                    | 9002260184*      | COMMISSIO        |
|                    | 9003210140       | 50-413           |                    | 9002260235*      | COMMISSIO        |
|                    | 9003210309       | 50-287           |                    | 9002260441       | WASTE MGT        |
|                    | 9003210341       | 50-370           |                    | 9002260445*      | WASTE MGT        |
|                    |                  |                  |                    |                  |                  |
|                    | 9003220073       | 50-413           |                    | 9002280483       | WASTE MGT        |
|                    | 9003220098       | 50-413           |                    | 9002260512*      | COMMISSIO        |
|                    | 9003220098       | 50-413           |                    | 9002260524       | WASTE MGT        |
|                    | 9003220098       | 50-413           |                    | 9002260527       | WASTE MGT        |
|                    | 9003220285       | 50-269           |                    | 9002270246       | WASTE MGT        |
|                    | 9003220285       | 50-269           |                    |                  |                  |
|                    |                  |                  |                    |                  |                  |
|                    | 9003220285       | 50-269           |                    | 9002270249       | WASTE MGT        |
|                    | 9003220288*      | 50-269           |                    | 9002280299       | PROJ             |
|                    | 9003220295       | PR               |                    | 9002280300*      | PROJ             |
|                    | 9003230081       | 50-413           |                    | 9003010280       | WASTE MGT        |
|                    | 9003230085       | 50-413           |                    | 9003010434       | WASTE MGT        |
|                    |                  |                  |                    |                  |                  |
|                    | 9003230082       | 50-413           |                    | 9003010462       | WASTE MGT        |
|                    | 9003230082       | 50-413           |                    | 9003010471       | WASTE MGT        |
|                    | 9003230084       | 50-413           |                    | 9003010477*      | WASTE MGT        |
|                    | 9003230084       | 50-413           |                    | 9003020098       | WASTE MGT        |
|                    | 9003230088       | 50-369           |                    | 9003050013       | WASTE MGT        |
|                    |                  |                  |                    |                  |                  |
|                    | 9003260559       | 50-369           |                    | 9003050319       | WASTE MGT        |
|                    | 9001050085*      | 50-334           |                    | 9003080064       | WASTE MGT        |
|                    | 9001050085*      | 50-334           |                    | 9003060077       | WASTE MGT        |
|                    | 9002220059       | 50-412           |                    | 9003080154       | WASTE MGT        |
|                    | 9002220635       | 50-334           |                    | 9003060183       | WASTE MGT        |
|                    |                  |                  |                    |                  |                  |
|                    | 9002220655       | 50-412           |                    | 9003070351*      | WASTE MGT        |
|                    | 9002260253       | 50-334           |                    | 9003070380*      | WASTE MGT        |
|                    | 9002260580       | 50-334           |                    | 9003070382*      | WASTE MGT        |

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION                                   | ACCESSION NUMBER | SUBJECT CATEGORY |
|--------------------|------------------|------------------|--|------------------|------------------|
|                    | 9003190240       | WASTE MGT        |  | 9003090083       | 50-250 Q         |
|                    | 9003190318       | WASTE MGT        |  | 9003090155       | 50-250 P         |
|                    | 9003200001*      | WASTE MGT        |  | 9003090158       | 50-389 S         |
|                    | 9003200355*      | WASTE MGT        |  | 9003120681       | 50-250 F         |
|                    | 9003200377       | WASTE MGT        |  | 9003130007       | 50-250 R         |
|                    | 9003200383*      | FOIA             |  | 9003130007       | 50-250 R         |
|                    | 9003200386       | WASTE MGT        |  | 9003130304       | 50-250 R         |
|                    | 9003200388       | WASTE MGT        |  | 9003130304       | 50-250 R         |
|                    | 9003200446*      | FOIA             |  | 9003130315       | 50-250 R         |
|                    | 9003210026       | PR               |  | 9003130315       | 50-250 R         |
|                    | 9003210083       | PR               |  | 9003140395       | 50-250 P         |
|                    | 9003210092*      | FOIA             |  | 9003140395       | 50-250 P         |
|                    | 9003210125*      | FOIA             |  | 9003150418       | 50-335 P         |
|                    | 9003210184*      | FOIA             |  | 9003150418       | 50-335 P         |
|                    | 9003210260*      | PROJ             |  | 9003150424       | 50-335 S         |
|                    | 9003210265*      | PROJ             |  | 9003150436       | 50-335 F         |
|                    | 9003210283       | WASTE MGT        |  | 9003150436       | 50-335 F         |
|                    | 9003210288*      | WASTE MGT        |  | 9003150446       | 50-335 P         |
|                    | 9003210335*      | WASTE MGT        |  | 9003150449*      | 50-335 P         |
|                    | 9003210345       | WASTE MGT        |  | 9003150481       | 50-335 P         |
|                    | 9003220105       | WASTE MGT        |  | 9003150482*      | 50-335 P         |
|                    | 9003220176       | WASTE MGT        |  | 9003150484       | 50-335 P         |
|                    | 9003230315       | 71-4906          |  | 9003150484       | 50-335 P         |
|                    | 9003230320       | 71-9010          |  | 9003150488       | 50-335 P         |
|                    | 9003260067       | WASTE MGT        |  | 9003150489*      | 50-335 P         |
|                    | 9003260488       | WASTE MGT        |  | 9003160058       | 50-335 R         |
|                    | 9003270397       | WASTE MGT        |  | 9003160059       | 50-335 R         |
|                    | 9003280001*      | WASTE MGT        |  | 9003180318       | 50-335 R         |
|                    | 9003210256       | PROJ             |  | 9003190104       | 50-250 G         |
|                    | 9003210264       | PROJ             |  | 9003190104       | 50-250 G         |
|                    | 9003220116       | 71-9152          |  | 9003190106       | 50-250 G         |
|                    | 9003210057       | PR               |  | 9003190106       | 50-250 G         |
|                    | 9002230054       | 50-445           | A  | 9003200397       | 50-250 O         |
|                    | 9003010045*      | 40-2061          |  | 9003210138*      | 50-335 P         |
|                    | 9003130422*      | 40-3382          |  | 9003210143*      | 50-335 P         |
|                    | 9003270411       | 40-2061          |  | 9003210143*      | 50-335 P         |
|                    | 9003010388*      | CONTRACT         |  | 9003210104       | PR               |
|                    | 9003050109       | 40-8102          |  | 9003220100       | 50-250 R         |
|                    | 9003010455       | 40-8102          |  | 9003220222       | 50-250 J         |
|                    | 9003010455       | 40-8102          |  | 9003220222       | 50-250 J         |
|                    | 9003150099       | 40-8102          |  | 9003220262       | 50-250 F         |
|                    | 9003260481       | 71-185           |  | 9003220262       | 50-250 F         |
|                    | 9002270245*      | 60-283           | F  | 9003220267       | 50-250 Q         |
|                    | 9003080131       | 60-283           | F  | 9003220267       | 50-250 Q         |
|                    | 9003060134*      | 50-283           | F  | 9003230075       | 50-250 G         |
|                    | 9003080271       | 50-382           | F  | 9003260005       | 50-335 F         |
|                    | 9003080273*      | 50-382           | F  | 9003280304       | 50-335 P         |
|                    | 9003190206       | FOIA             |  | 9003280402       | 50-250 P         |
|                    | 9003010446       | 40-8843          |  | 9003260402       | 50-250 P         |
|                    | 9003140418       | 40-8843          |  | 9003260543       | 50-335 S         |
|                    | 9003150105       | 40-8843          |  | 9003270083       | 50-335 S         |
|                    | 9003150477       | 40-8843          |  | 9003270083       | 50-335 S         |
|                    | 8606130200*      | FOIA             |  | 9003300129       | 50-250 G         |
|                    | 8608280150*      | FOIA             | Florida Power Corp. (subs of Florida Progress Corp.) | 9003300129       | 50-250 G         |
|                    | 9003190140*      | FOIA             |  | 9002260341*      | 50-302 V         |
|                    | 9003190147*      | FOIA             |  | 9003010485       | 60-302 S         |
|                    | 9003190164*      | FOIA             |  | 9003010486       | 60-302 S         |
|                    | 9003190185*      | FOIA             |  | 9003020210       | 60-302 P         |
|                    | 9002260179       | 50-250           | Q  | 9003050288       | 50-302 F         |
|                    | 9002260449       | 60-335           | R  | 9003060289       | 60-302 Q         |
|                    | 9002270056       | 50-335           | F  | 9003080322       | 60-302 P         |
|                    | 9002270050       | 50-335           | F  | 9003080323*      | 60-302 P         |
|                    | 9002270067       | 50-260           | P  | 9003090454       | 60-302 R         |
|                    | 9002270067       | 50-250           | P  | 9003090455*      | 50-302 R         |
|                    | 9003010010       | 50-250           | S  | 9003090458*      | 60-302 R         |
|                    | 9003010010       | 50-250           | S  | 9003140272       | 60-302 P         |
|                    | 9003020142       | 60-335           | Q  | 9003150638       | 60-302 Q         |
|                    | 9003020142       | 50-335           | Q  | 9003150068       | 60-302 V         |
|                    | 9003020227       | 60-335           | P  | 9003150070       | 60-302 Q         |
|                    | 9003050037       | 60-250           | G  | 9003150275       | 50-302 Q         |
|                    | 9003050037       | 60-250           | G  | 9003150304       | 60-302 R         |
|                    | 9003080110       | 60-335           | R  | 9003150460       | 60-302 P         |
|                    | 9003080110       | 60-335           | R  | 9003150476       | 60-302 F         |
|                    | 9003080116       | 60-335           | Q  | 9003150478       | 50-302 F         |
|                    | 9003080116       | 50-335           | Q  | 9003160007       | 60-302 P         |
|                    | 9003080138       | 50-389           | P  | 9003160018       | 50-302 F         |
|                    | 9003080224       | 60-335           | S  | 9003160018*      | 60-250 P         |
|                    | 9003080110       | 50-335           | F  | 9003160054       | 60-302 F         |
|                    | 9003080110       | 60-335           | F  | 9003160081       | 50-302 F         |
|                    | 9003080383       | 50-335           | R  | 9003180123       | 50-302 F         |
|                    | 9003080383       | 50-335           | R  | 9003200187       | 60-302 R         |
|                    | 9003080450       | 50-335           | P  | 9003200421*      | 50-302 J         |
|                    | 9003080450       | 50-335           | P  | 9003210307       | 50-302 P         |
|                    | 9003080453*      | 50-335           | P  | 9003220022       | 60-302 P         |
|                    | 9003080453*      | 50-335           | P  | 9003220023*      | 60-302 P         |
|                    | 9003080492       | 50-335           | P  | 9003260333       | 60-302 S         |
|                    | 9003080492       | 50-335           | P  | 9003150351       | STATE PRO G      |
|                    | 9003090083       | 50-250           | Q  | 9003220071       | 50-83 H          |

| AUTHOR AFFILIATION   | ACCESSION NUMBER   | SUBJECT CATEGORY                                |                       | AUTHOR AFFILIATION   | ACCESSION NUMBER  | SUBJECT CATEGORY  |                            |
|--|--|---|-----------------------|--|---|---|----------------------------|
| Fluid Tech, Inc.<br>Fl. Pierce, FL<br>Gas Cooled Reactor Associates<br>General Atomics (formerly GA Technologies, Inc./General Atomic Co.) | 9003190368*<br>9003120189*<br>9003070027*<br>9003060249                | 27-48<br>CONTRACT<br>ACRS<br>50-163             | P                     |  | 9003160419*<br>9003160448*<br>9003160505<br>9003190054<br>9003200189                | 50-289<br>50-320<br>50-219<br>50-219<br>50-289              | P<br>R<br>S<br>R<br>R      |
|  | 9003080295<br>9003090297*<br>9003090379<br>9003090381*<br>9003120633   | 50-163<br>50-163<br>50-89<br>50-89<br>50-89     | R<br>R<br>R<br>R<br>P |  | 9003200198<br>9003220028<br>9003280325<br>9003260527<br>9003260538                  | 50-219<br>60-289<br>PROJ<br>50-219<br>50-320                | S<br>P<br>F<br>F<br>P      |
| General Electric Co.   | 9003120638*<br>9003120641*<br>9002220488<br>9002270223<br>9002270224*  | 50-89<br>50-89<br>50-73<br>50-805<br>50-605     | P<br>P<br>P<br>A<br>A | Georgia Institute of Technology, Atlanta<br>GA   | 9003280545<br>9003280548<br>9003050320<br>9003060007                                | 50-219<br>50-219<br>50-160<br>50-160                        | S<br>S<br>F<br>F           |
|  | 9002270227*<br>9002280082<br>9003020238<br>9003060165*<br>9003080065   | 50-605<br>71-5990<br>50-605<br>50-18<br>70-1308 | A<br>A<br>A<br>P      | Georgia Power Co.  | 9003080448<br>9003090301*<br>9002220524<br>9002220677<br>9002280050                 | 60-160<br>60-160<br>50-366<br>50-424<br>50-321              | F<br>V<br>S<br>S<br>P      |
|  | 9003080425*<br>9003090440*<br>9003140008*<br>9003160183*<br>9003190129 | 50-324<br>50-324<br>TOPREP<br>50-366<br>70-754  | P<br>Q<br>Q<br>Q      |  | 9002280050<br>9003080024<br>9003060201<br>9003060201*<br>9003060204*                | 50-321<br>50-321<br>50-424<br>50-424<br>50-424              | P<br>S<br>R<br>R<br>R      |
|  | 9003210250<br>9003210254<br>9003210258<br>9003230072<br>9003260004     | PT21<br>PT21<br>PT21<br>TOPREP<br>50-73         | P                     |  | 9003060204*<br>9003060211<br>9003060211<br>9003060244<br>9003060257                 | 50-424<br>50-424<br>60-424<br>50-424<br>50-321              | R<br>P<br>P<br>P<br>P      |
| General Nuclear Systems, Inc.  | 9003210159<br>9003210167*<br>9003150485*<br>9002090037                 | PROJ<br>PROJ<br>50-276<br>71-355                | P                     |  | 9003060257<br>9003060289<br>9003070084<br>9003080342<br>9003080355                  | 50-321<br>50-425<br>50-424<br>50-321<br>50-321              | P<br>S<br>F<br>R<br>R      |
| General Physics Corp.<br>General Public Utilities Corp. - GPU<br>Service Corp.   | 9002260148<br>9002260148<br>9002270217<br>9002280172<br>9002280212     | 50-219<br>50-219<br>50-219<br>50-289<br>50-219  | P<br>P<br>R<br>K<br>P |  | 9003080355<br>9003120184<br>9003120219*<br>9003120401<br>9003120401                 | 60-321<br>60-368<br>50-388<br>50-424<br>60-424              | R<br>P<br>P<br>P<br>P      |
|  | 9002280214*<br>9002280215*<br>9003010354<br>9003010359*<br>9003010386* | 50-219<br>50-219<br>50-219<br>50-219<br>50-219  | P<br>P<br>P<br>P<br>P |  | 9003120406*<br>9003120406*<br>9003120422<br>9003120422<br>9003120436                | 50-424<br>60-424<br>50-424<br>60-424<br>60-424              | F<br>F<br>F<br>C<br>C      |
|  | 9003010472<br>9003020255<br>9003060035<br>9003060195<br>9003060232     | 50-219<br>50-219<br>50-219<br>50-289<br>50-320  | Q<br>P<br>S<br>P<br>P |  | 9003120438<br>9003120770<br>9003120770<br>9003130594<br>9003140047                  | 60-424<br>50-321<br>50-321<br>50-321<br>50-424              | C<br>J<br>J<br>C<br>C      |
|  | 9003060235*<br>9003070100<br>9003070101<br>9003070105<br>9003070105    | 50-320<br>50-219<br>50-289<br>50-289<br>50-289  | P<br>Q<br>P<br>J<br>J |  | 9003140133<br>9003140133<br>9003140300<br>9003140300<br>9003140352                  | 50-424<br>60-424<br>50-424<br>50-424<br>50-321              | F<br>F<br>F<br>C<br>C      |
|  | 9003070110<br>9003080103<br>9003080319<br>9003080406<br>9003080411*    | 50-289<br>PROJ<br>50-289<br>50-219<br>50-219    | R<br>Q<br>Q<br>P<br>P |  | 9003150071<br>9003150071<br>9003160129<br>9003160129<br>9003160132*                 | 50-424<br>60-424<br>50-321<br>50-321<br>50-321              | I<br>I<br>I<br>I<br>I      |
|  | 9003080415*<br>9003080442<br>9003090170<br>9003090173*<br>9003090177*  | 60-219<br>50-219<br>50-320<br>50-320<br>50-320  | P<br>S<br>R<br>R<br>R |  | 9003160132*<br>9003160182<br>9003160186*<br>9003160409<br>9003160409                | 50-321<br>60-366<br>50-366<br>50-321<br>50-321              | I<br>I<br>I<br>I<br>I      |
|  | 9003090247<br>9003090252*<br>9003120217<br>9003120217<br>9003120260    | 50-219<br>60-219<br>50-289<br>50-289<br>50-289  | S<br>S<br>F<br>F<br>S |  | 9003190047<br>9003200143<br>9003200450<br>9003210040<br>9003210080                  | 50-424<br>50-424<br>50-321<br>PR<br>60-426                  | I<br>I<br>I<br>I<br>I      |
|  | 9003120270<br>9003120279<br>9003120290<br>9003120290<br>9003120324     | 50-289<br>50-289<br>60-219<br>50-219<br>50-320  | R<br>R<br>P<br>P<br>R |  | 9003210100<br>9003210371<br>9003210371<br>9003220188<br>9003220307                  | PR<br>50-424<br>50-424<br>60-321<br>50-321                  | I<br>I<br>I<br>I<br>I      |
|  | 9003120330*<br>9003120333*<br>9003130338<br>9003140018<br>9003140022   | 50-320<br>50-320<br>60-219<br>50-219<br>50-219  | R<br>R<br>P<br>R<br>P | Georgia, State of  | 9003220318<br>9003220318<br>9003220318<br>9003270208<br>8908240273*                 | 50-321<br>50-321<br>60-424<br>50-424<br>FOIA                | I<br>I<br>I<br>I<br>I      |
|  | 9003140026*<br>9003140027*<br>9003140187<br>9003150240<br>9003160368   | 50-219<br>50-219<br>60-320<br>50-219<br>50-320  | P<br>P<br>P<br>P<br>P | Gilbert/Commonwealth, Inc. (formerly<br>Gilbert Associates, Inc.)  | 9003190259<br>9003060005*   | NUREG<br>50-353   | I<br>I<br>I<br>I<br>I      |
|  | 9003160089<br>9003160098<br>9003160381<br>9003160384*                  | 50-320<br>50-219<br>50-289<br>50-289            | F<br>P<br>P<br>P      | Glen Rose, TX<br><br>Government Printing Office<br>Grant, McHendrie, Haines & Crouse<br>Greenfield, MA<br>Greenpeace International | 9003120765<br>9003010418*<br>9003020081*<br>9003010009<br>9003120073*<br>9003210011 | 50-302<br>CONTRACT<br>CONTRACT<br>40-3392<br>CONTRACT<br>PR | I<br>I<br>I<br>I<br>I<br>I |

## AUTHOR AFFILIATION

USA  
 sp. System, Greenville, SC  
 Illinois Co.

ACCESSION  
NUMBERSUBJECT  
CATEGORY

## AUTHOR AFFILIATION

ACCESSION  
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CATEGORY

on Co., Inc.

sa  
 n & Tausloy

rch Ltd., inc.

ing Co.

Holland, MI

Energy & Commerce  
 g & Power Co.

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IOTECH, Inc

Idaho National Engineering Laboratory

Idaho State Univ., Pocatello, ID

Idaho State of  
 Illinois Power Co.

Illinois Valley Community College,  
 Oglesby, IL  
 Illinois State of

Illinois, Univ. of, Urbana, IL  
 Indiana Michigan Power Co. (formerly  
 Indiana & Michigan Electric Co.)

Industrial Heat Treating & Metallurgical

Co., Inc.

Industrial NDT Co.

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Institute of Nuclear Power Operations

Interior, Dept. of, Bureau of Mines

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Iowa Electric Light & Power Co.

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 9003190226 WASTE MGT  
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|--|-------------|-----------|---|---|-------------|-----------|--|
|  | 9003080317  | 50-331    | P | Los Alamos National Laboratory            | 9003180051* | WASTE MGT |  |
|  | 9003080373  | 50-331    | P |   | 9003020261  | PROJ      |  |
|  | 9003080382  | 50-331    | R | Louisiana Energy Services                 | 9002260053  | 50-382    |  |
|  | 9003120032  | 50-331    |   | Louisiana Power & Light Co.               |             |           |  |
|  | 9003120208* | 50-331    | P |   | 9002260056* | 50-382    |  |
|  | 9003130083  | 50-331    | R |   | 9002260208  | 50-382    |  |
|  | 9003140030  | 50-331    | P |   | 9002270232  | 50-382    |  |
|  | 9003270333  | 50-331    | P |   | 9002280124  | 50-382    |  |
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|  | 9003150317  | 50-118    | P |   | 9003050183  | 50-382    |  |
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| JRA Associates                         | 9003060061  | WASTE MGT |   | MHB Technical Associates                  | 9003050068* | 50-443    |  |
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| Jupiter Corp. (formerly Jupiter        |             |           |   | Mano Yankee Atomic Power Co.              | 9002260072  | 50-309    |  |
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| Kennecott Corp                         |             |           |   |   |             |           |  |
|  | 9003160113  | 40-8904   |   |   | 9003140218  | 50-309    |  |
|  | 9003160114* | 40-8904   |   |   | 9003140379  | 50-309    |  |
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|  | 9003010037* | 40-2061   |   | Malapai Resources Co                      | 9003270383  | 50-309    |  |
|  | 9003010045* | 40-2061   |   |   | 9003020067  | 40-8502   |  |
|  | 9003090491* | 40-2061   |   | Management Concepts, Inc.                 | 9003150144  | 40-8502   |  |
|  | 9003120143* | 40-2061   |   | Mankato State Univ., Mankato, MN          | 9003090180* | CONTRACT  |  |
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|  | 9003120166* | 40-2061   |   | Marotta Scientific Controls, Inc.         | 9003200363  | XPORTLIC  |  |
|  | 9003120196* | 40-2061   |   |   | 9003200368* | XPORTLIC  |  |
|  | 9003120284* | 40-2061   |   |   | 9003200372* | XPORTLIC  |  |
|  | 9003120436* | 40-2061   |   | Marsh & McLennan, Inc.                    | 9002260031  | 50-213    |  |
|  | 9003120440* | 40-2061   |   | Marubeni America Corp. (subs. of Marubeni | 9003150084  | XPORTLIC  |  |
|  |             |           |   | Corp.)                                    |             |           |  |
|  | 9003120581* | 40-2061   |   | Maryland, State of                        | 9003150308  | STATE PRO |  |
|  | 9003120583* | 40-2061   |   | Maryland, Univ. of, College Park, MD      | 9003160278* | CONTRACT  |  |
|  | 9003120748* | 40-2061   |   | Massachusetts Institute of Technology,    | 9002220418  | 50-20     |  |
|  | 9003130240* | 40-2061   |   | Cambridge, MA                             |             |           |  |
|  | 9003160183  | 40-2061   |   |   |             |           |  |
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|  | 9003130258* | 40-2061   |   |   | 9003050018  | 50-443    |  |
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|  |             |           |   |   |             |           |  |
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|  | 9003090384* | FOIA      |   | Mayo Clinic, Rochester, MN                | 9003210080  | PR        |  |
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|  | 9002280063* | 50-322    | P | Medi-Physics, Inc.                        | 9002260474  | 70-687    |  |
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|  | 9003130099  | 50-322    | P |   | 9003070149* | 71-9027   |  |
|  | 9003150154  | 50-322    | V | Minerals Exploration Co. (subs. of Union  | 9003010178  | 40-8584   |  |
|  | 9003200345  | 60-322    | P | Oil Co. of California)                    |             |           |  |
|  | 9003220108  | 50-322    | S |   | 9003010203  | 40-8584   |  |
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| Navy, Dept. of, Naval Sea Systems Command                                    | 9002270031  | 71-9032   |  |   | New York, NY                                  | 9003020161  | STATE PRO |
| Nebraska Public Power District   | 9002230518  | 71-4886   |  |   | New York, State Univ. of, Oswego, NY          | 9003130538* | CONTRACT  |
|  | 9002260008  | 50-288    |  | P | New York, State of                            | 9003140455  | STATE PRO |
|  | 9002260012* | 50-288    |  | P |   |             |           |
|  | 9003010120  | 50-288    |  | Q | Newman & Holtzinger                           | 9003150464  | STATE PRO |
|  | 9003010219  | 50-288    |  | S |   | 9003050037  | 50-250    |
|  | 9003060270  | 50-288    |  | Q |   | 9003190104  | 50-250    |
|  | 9003070086  | 50-288    |  | J |   | 9003190104  | 50-250    |
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|  | 9003080061  | 50-288    |  | F |   | 9003190108  | 50-250    |
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|  | 9003120136  | 50-288    |  | J |   | 9002260438* | 50-220    |
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|  | 9003230070  | 50-288    |  | P |   | 9002260443* | 50-220    |
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|  | 9003050055* | 50-443    |  | G |   | 9003070145  | 50-220    |
|  | 9003160070  | 50-443    |  | G |   | 9003070380  | 50-220    |
|  | 9003100070  | 50-443    |  | G |   | 9003090085  | 50-220    |
|  | 9003160142  | 50-443    |  | G |   | 9003090103* | 50-220    |
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|  | 9003220184  | 50-443    |  | G |   | 9003120407  | 50-410    |
|  | 9003220187* | 50-443    |  | G |   | 9003120662  | 50-220    |
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|  | 9003230035  | 50-443    |  | G |   | 9003120676* | 50-220    |
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|  | 9003010200* | 50-443    |  | G |   | 9003150330  | 50-410    |
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|  | 9003010187  | 50-333    |  | P | Northeast Nuclear Energy Co. (subs. of        | 9002220526  | 50-336    |
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|  | 9003080097  | 50-286    |  | R |   | 9002220640  | 50-245    |

| AUTHOR AFFILIATION  | ACCESSION NUMBER  | SUBJECT CATEGORY | AUTHOR AFFILIATION   | ACCESSION NUMBER                              | SUBJECT CATEGORY |  |
|---------------------|---|------------------|--|---|------------------|--|
| Northeast Utilities | 9002220657  | 50-423           | Northern States Power Co.  | 9002260129                                    | 50-263           |  |
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|                     | 9003130672*   | 50-423           |  | 9003090221                                    | 50-282           |  |
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|                     | 9003160056  | 50-245           |  | 9003090227*                                   | 50-282           |  |
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|                     | 9003160175  | 50-423           |  | 9003090266                                    | 50-282           |  |
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|                     | 9003160215*   | 50-245           |  | 9003090501                                    | 50-263           |  |
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|                     | 9003220217*   | 50-423           |  | 9003160309                                    | 50-263           |  |
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|                     | 9002270010  | 50-423           |  | 9002230149                                    | 71-526           |  |
|                     | 9002270029  | 50-423           |  | 9002230527                                    | 71-527           |  |
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|                     | 9003060295  | 50-245           |  | 9003140441                                    | 71-17            |  |
|                     | 9003060301  | 50-213           | Nuclear Control Institute<br>Nuclear Energy Accountability Project | 9003290334                                    | FOIA             |  |
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|                     | 9003070395  | 50-336           |  | 9003010043                                    | 50-25            |  |
|                     | 9003080153  | 50-423           |  | 9003010047                                    | 50-25            |  |
|                     | 9003080452  | 50-213           |  | 9003010066                                    | 50-25            |  |
|                     | 9003080471  | 50-213           |  | 9003050073                                    | 50-25            |  |
|                     | 9003080471  | 50-213           |  | 9003160053                                    | 50-25            |  |
|                     | 9003090030  | 50-213           |  | 9003160053                                    | 50-25            |  |
|                     | 9003090431  | 50-423           |  | 9003160090                                    | 50-25            |  |
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|                     | 9003130668  | 50-423           |  | 9003160106*                                   | 50-25            |  |
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|                     | 9003150272  | 50-245           |  | 9003220089                                    | 50-25            |  |
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|                     | 9003190233  | 50-245           |  | 9003210320                                    | PR               |  |
|                     | 9003200321  | 50-336           |  | 9003190189                                    | FOIA             |  |
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|                     | 9003210019  | 50-423           | (NUMARC) (formerly Nuclear Utility Mana                            | 9001050211*                                   | REVI             |  |
|                     | 9003210291  | 50-213           |  | 9003010296                                    | REVI             |  |
|                     | 9003220025  | 50-213           |  | 9003210030                                    | PR               |  |
|                     | 9003220215  | 50-423           |  | 9003230021*                                   | REVI             |  |
|                     | 9003220310  | 50-213           |  | 9003230021*                                   | REVI             |  |
|                     | 9003230109  | 50-245           |  | 9003230279*                                   | REVI             |  |
|                     | 9003090036*   | 50-213           |  | 9003230280*                                   | REVI             |  |
|                     | 9003220305  | MISC             |  | 9003160321                                    | I&E              |  |
|                     |   |                  |  |   |                  |  |
|                     |   |                  |  |   |                  |  |
|                     | Northeast Utilities Service Co. (subs. o<br>Northeast Utilities)<br>Northern Indiana Public Service Co. |                  |  | Nuclear Utility Backfitting & Reform<br>Group |                  |  |



|  | NUMBER      | CATEGORY  | NUMBER      | CATEGORY    |          |
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| Nuclear Waste Technical Review Board<br>Oak Ridge Associated Univs.  | 9003230185  | PR        | 9003080294  | 60-323      |          |
|  | 9003260287  | WASTE MGT | 9003080302* | 50-323      |          |
|  | 9002270140* | 70-734    | 9003080377  | 50-275      |          |
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|  | 9003060210* | 70-33     | 9003080391  | 50-275      |          |
| Oak Ridge National Laboratory  | 9003080122  | 50-312    | P           | 9003080391  | 50-275   |
|  | 9003070184  | NUREG     | 9003080398  | 50-275      |          |
|  | 9003070234  | NUREG     | 9003080398  | 50-275      |          |
|  | 9003070237  | NUREG     | 9003090166  | 50-275      |          |
|  | 9003070238  | NUREG     | 9003090166  | 50-275      |          |
| Ocean County, NJ   | 9003070275  | NUREG     | 9003090176  | 50-275      |          |
|  | 9003120764  | NUREG     | 9003090176  | 50-275      |          |
|  | 9003160282  | 40-8584   | 9003090233  | 50-275      |          |
|  | 9003190328  | NUREG     | 9003090233  | 50-275      |          |
|  | 9002270264* | CONTRACT  | 9003090243  | 50-275      |          |
| Oconee County, SC<br>Office of Management & Budget<br>Ohio Citizens for Responsible Energy<br>Ohio State Univ., Columbus, OH<br>Ohio, State of | 9003090017* | CONTRACT  | 9003090243  | 60-275      |          |
|  | 9003210187  | PR        | 9003090258  | 50-275      |          |
|  | 9003210144  | PR        | 9003090258  | 60-275      |          |
|  | 9003120332  | 60-150    | P           | 9003090261* | 50-275   |
|  | 9003010181  | STATE PRO | G           | 9003090261* | 50-275   |
| Oklahoma, Univ. of, Norman, OK<br>Omaha Public Power District  | 9003050012  | 50-440    | H           | 9003090262* | 50-275   |
|  | 9003050017  | 50-346    | H           | 9003090262* | 50-275   |
|  | 9003080258* | CONTRACT  | 9003090300  | 60-275      |          |
|  | 9003220227* | CONTRACT  | 9003090300  | 50-275      |          |
|  | 9002220481  | 50-285    | P           | 9003090303* | 50-275   |
|  | 9002220484  | 50-285    | S           | 9003150108  | 50-275   |
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|  | 9002230137  | 50-285    | F           | 9003150333  | 50-133   |
|  | 9002230358  | 50-285    | R           | 9003150333  | 50-133   |
|  | 9002260460  | 50-285    | P           | 9003150450  | 50-275   |
|  | 9002260466* | 50-285    | P           | 9003190278  | 50-275   |
|  | 9002260488* | 50-285    | P           | 9003190279* | 50-275   |
|  | 9002270359  | 50-285    | P           | 9003200402  | 50-275   |
|  | 9002270361* | 50-285    | P           | 9003210114  | 50-275   |
|  | 9002270420* | 50-285    | P           | 9003210114  | 50-275   |
|  | 9002270438  | 50-285    | P           | 9003210117* | 50-275   |
|  | 9002280238  | 50-285    | P           | 9003210117* | 50-275   |
|  | 9003010442  | 60-285    | R           | 9003210118* | 50-275   |
|  | 9003010475* | 50-285    | R           | 9003210118* | 50-275   |
|  | 9003020209  | 50-285    | F           | 9003220049  | 50-275   |
|  | 9003080257  | 50-285    | P           | 9003220049  | 60-275   |
|  | 9003080301  | 60-285    | P           | 9003220060  | 50-275   |
|  | 9003080308  | 60-285    | S           | 9003220261  | 60-275   |
|  | 9003080403  | 50-285    | PR          | 9003230150  | PR       |
|  | 9003080408* | 50-285    | F           | 9003270377  | 50-275   |
|  | 9003090058  | 60-285    | J           | 9002230326  | 71-192   |
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|  | 9003090347* | 50-285    | R           | 9003120723  | 71-9200  |
|  | 9003120378  | 50-285    | P           | 9003120737  | 71-9181  |
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|  | 9003150470  | 50-285    | S           | 9003210198  | PROJ     |
|  | 9003180144  | 60-285    | P           | 9003230200  | PROJ     |
|  | 9003190152  | 50-285    | Q           | 9003230202* | PROJ     |
|  | 9003210265  | 50-285    | P           | 9002280118  | PROJ     |
|  | 9003210275  | 50-285    | Q           | 9002280131* | PROJ     |
|  | 9003220195  | 50-285    | R           | 9003200434* | 50-255   |
|  | 9003220321  | 50-285    | H           | 9003270429  | PROJ     |
|  | 9003230218  | 50-285    | F           | 9003060281* | 71-5939  |
|  | 9003260220  | 50-286    | P           | 9003010269  | 40-2259  |
|  | 9003260267  | 50-285    | P           | 9003150149  | 40-2259  |
|  | 9003260276  | 50-285    | P           | 9003160220  | 40-2259  |
|  | 9003260281* | 50-285    | P           | 9003120090* | CONTRACT |
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|  | 9003260289  | 50-285    | S           | 9002220612  | 50-387   |
|  | 9003260293  | 60-285    | S           | 9002260423  | 50-387   |
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|  | 9003080266* | 60-243    | R           | 9002260431* | 50-387   |
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|  | 9003160074  | STATE PRO | G           | 9002260500  | 50-387   |
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|  | 9002260486* | CONTRACT  | 9003010275  | 50-387      |          |
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|  | 9003120769  | NUREG     | 9003020089  | 50-387      |          |
|  | 9003230198* | CONTRACT  | 9003070108  | 50-387      |          |
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|  | 9002260371  | 50-275    | P           | 9003080034  | 50-387   |
| Pacific Gas & Electric Co.   | 9002270168  | 50-275    | P           | 9003080039  | 50-387   |
|  | 9002270188  | 50-275    | P           | 9003080466  | 50-387   |
|  | 9002280014  | 50-275    | R           | 9003080466  | 50-387   |
|  | 9002280122  | 50-275    | S           | 9003080483  | 50-387   |
|  | 9003020117  | 50-323    | P           | 9003080483  | 50-387   |
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|  | 9003020122* | 50-323    | P           | 9003090043  | 50-387   |
|  | 9003080074  | 50-133    | R           | 9003090043  | 50-387   |

| AUTHOR AFFILIATION   | ACCUSATION NUMBER | CATEGORY  | ACTION AFFILIATION  | NUMBER      | CATEGORY   |
|--|-------------------|-----------|---|-------------|------------|
|  | 9003093046        | 50-387    |   | 9003130723* | 50-277     |
|  | 9003093046        | 50-387    |   | 9003130723* | 50-277     |
|  | 9003093049*       | 50-387    |   | 9003140345* | 50-352     |
|  | 9003093049*       | 50-387    |   | 9003140345* | 50-352     |
|  | 90030930114       | 50-387    |   | 9003150344  | 50-277     |
|  | 9003120063        | 50-387    |   | 9003150344  | 50-277     |
|  | 9003120063        | 50-387    |   | 9003150348* | 50-277     |
|  | 9003120072        | 50-388    |   | 9003150348* | 50-277     |
|  | 9003120077        | 50-387    |   | 9003150426  | 50-277     |
|  | 9003120077        | 50-387    |   | 9003150426  | 50-277     |
|  | 9003140405        | 50-387    |   | 9003150483  | 50-278     |
|  | 9003140405        | 50-387    |   | 9003180140  | 50-278     |
|  | 9003140414        | 50-387    |   | 9003180145* | 50-278     |
|  | 9003210085        | 50-387    |   | 9003200115  | 50-352     |
|  | 9003210085        | 50-387    |   | 9003200115  | 50-352     |
|  | 9003210088*       | 50-387    |   | 9003200148  | 50-352     |
|  | 9003210088*       | 50-387    |   | 9003200148  | 50-352     |
|  | 9003210090*       | 50-387    |   | 9003200148  | 50-352     |
|  | 9003210090*       | 50-387    |   | 9003200152* | 50-352     |
|  | 9003210278        | 50-387    |   | 9003200399  | 50-277     |
|  | 9003220082        | 50-387    |   | 9003200399  | 50-277     |
|  | 9003220082        | 50-387    |   | 9003200456  | 50-277     |
|  | 9003220265        | 50-387    |   | 9003200456  | 50-277     |
|  | 9003230124        | 50-388    |   | 9003200456  | 50-277     |
|  | 9003230219        | 50-387    |   | 9003220048  | 50-277     |
|  | 9003260150        | 50-387    |   | 9003220050  | 50-277     |
|  | 9003260150        | 50-387    |   | 9003220199  | 50-352     |
|  | 9003270337        | 50-387    |   | 9003220289  | 50-277     |
|  | 9003220029        | 50-5      |   | 9003220289  | 50-277     |
|  | 9003220029        | 50-5      |   | 9003230094  | 50-352     |
| Pennsylvania State Univ., University Park, PA  |                   |           |   |             |            |
| Pennsylvania, Commonwealth of<br>Perry, OH<br>Petrochemicals Co. (formerly Getty/Petrochemicals Co.) | 9003230152        | PR        |   | 9003260141  | 50-352     |
|  | 90032270146*      | CCONTRACT |   | 9003270440* | CONTRACT   |
|  | 9003010221        | 40-6659   | Phoenix, AZ<br>Prisula - Beckman Associates<br>Pro-Technics International (formerly<br>ProTechnics, Inc.) | 9003190082  | 70-25      |
|  | 9003010231*       | 40-6659   | Pipeline Inspection & Engineering, Inc.<br>Plateau Resources, Ltd.  | 9003070087  | 71-694     |
| Philadelphia Electric Co.  | 9002220515        | 50-353    |   | 9003150169  | 40-8698    |
|  | 9002260033        | 50-277    |   | 9003120304* | CONTRACT   |
|  | 9002260033        | 50-277    | Plymouth, MA<br>Portland General Electric Co.   | 9002260282  | 50-344     |
|  | 9002260181        | 50-353    |   | 9002260285* | 50-344     |
|  | 9002260335        | 50-352    |   | 9002260287* | 50-344     |
|  | 9002260335        | 50-352    |   | 9002270115  | 50-344     |
|  | 9002270086        | 50-277    |   | 9002270102  | 50-344     |
|  | 9002270106        | 50-277    |   | 9002270200  | 50-344     |
|  | 9002270214        | 50-352    |   | 9002270338  | 50-344     |
|  | 9002270222        | 50-278    |   | 9002270346  | 50-344     |
|  | 9002270460        | 50-277    |   | 9002280034* | 50-344     |
|  | 9002270460        | 50-277    |   | 9002280036* | 50-344     |
|  | 9002280144        | 50-352    |   | 9002280048* | 50-344     |
|  | 9002280148        | 50-277    |   | 9002280054* | 50-344     |
|  | 9002280148        | 50-277    |   | 9002280203  | 50-344     |
|  | 9003020249        | 50-277    |   | 9003010034  | 50-344     |
|  | 9003020249        | 50-277    |   | 9003050186  | 50-344     |
|  | 9003050243        | 50-278    |   | 9003080052  | 50-344     |
|  | 9003060004        | 50-353    |   | 9003080078  | 50-344     |
|  | 9003060303        | 50-277    |   | 9003080080* | 50-344     |
|  | 9003070088        | 50-352    |   | 9003080038  | 50-344     |
|  | 9003070088        | 50-352    |   | 9003080407  | 50-344     |
|  | 9003070091*       | 50-352    |   | 9003080488  | 50-344     |
|  | 9003070091*       | 50-352    |   | 9003080124* | 50-344     |
|  | 9003080042        | 50-352    |   | 9003090220  | 50-344     |
|  | 9003080112        | 50-277    |   | 9003090222* | 50-344     |
|  | 9003080132        | 50-278    |   | 9003090225* | 50-344     |
|  | 9003080170        | 50-277    |   | 9003090263  | 50-344     |
|  | 9003080170        | 50-277    |   | 9003120011  | 50-344     |
|  | 9003080176*       | 50-277    |   | 9003120213  | 50-344     |
|  | 9003080176*       | 50-277    |   | 9003130816  | 50-344     |
|  | 9003080261        | 50-278    |   | 9003140182  | 50-344     |
|  | 9003080305        | 50-352    |   | 9003150175  | 50-344     |
|  | 9003080305        | 50-352    |   | 9003150274  | 50-344     |
|  | 9003080309*       | 50-352    |   | 9003160049  | 50-344     |
|  | 9003080309*       | 50-352    |   | 9003200252  | 50-344     |
|  | 9003080110        | 50-352    |   | 9003200275  | 50-344     |
|  | 9003080110        | 50-352    |   | 9003210283  | 50-344     |
|  | 9003090113        | 50-277    |   | 9003220038  | 50-344     |
|  | 9003090113        | 50-277    |   | 9003230188  | 50-344     |
|  | 9003090116*       | 50-277    |   | 9003230181  | 50-344     |
|  | 9003090116*       | 50-277    |   | 9003260261  | 50-344     |
|  | 9003090118*       | 50-352    |   | 9003260540  | 50-344     |
|  | 9003090118*       | 50-352    | Portland State Univ., Portland, OR  | 9003010417* | CONTRACT   |
|  | 9003090119*       | 50-277    | Pottstown, PA   | 9002260183* | CONTRACT   |
|  | 9003090119*       | 50-277    |   | 9003140245  | 40-8857    |
|  | 9003090318        | 50-353    | Power Resources, Inc. (formerly Sparklin City Nuclear Corp.)  | 9003150221  | 40-8857    |
|  | 9003120188        | 50-171    |   | 9003180109  | 40-8857    |
|  | 9003120188        | 50-171    | President of U.S. & Executive Offices   | 9002260484* | COMMISSION |
|  | 9003120188        | 50-171    |   | 9002260484* | COMMISSION |
|  | 9003120188        | 50-171    |   | 8002260491* | COMMISSION |
|  | 9003130719        | 50-277    | Prisula - Beckman Associates  | 9002140087* | 50-445     |
|  | 9003130719        | 50-277    | Pro-Technics International (formerly  | 8806130161* | FOIA       |
|  | 9003130719        | 50-277    | ProTechnics, Inc.)  |             |            |

| AUTHOR AFFILIATION   | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |   |
|----------------------|------------------|------------------|--------------------|------------------|------------------|---|
| Co. of Colorado      | 8807260162*      | FOIA             |                    | 9003080326       | 50-272           | Q |
|                      | 8807250166*      | FOIA             |                    | 9003080467       | 50-272           | R |
|                      | 8807250195*      | FOIA             |                    | 9003080487       | 50-272           | R |
|                      | 8810090017*      | FOIA             |                    | 9003080487       | 50-272           | R |
|                      | 9003020132*      | FOIA             |                    | 9003080487       | 50-272           | R |
|                      | 9003020141*      | FOIA             |                    | 9003080507       | 50-272           | J |
|                      | 9003020147*      | FOIA             |                    | 9003080507       | 50-272           | J |
|                      | 9003020187*      | FOIA             |                    | 9003080507       | 50-272           | J |
|                      | 9003020229*      | FOIA             |                    | 9003080507       | 50-272           | J |
|                      | 9002220471       | 50-287           | P                  | 9003090029       | 50-272           | P |
|                      | 9002220686       | 50-287           | Q                  |                  |                  |   |
|                      | 9002260348       | 50-287           | I                  | 9003090085       | 50-272           | R |
|                      | 9002280143       | 50-287           | R                  | 9003090085       | 50-272           | R |
|                      | 9003080081       | 50-287           | Q                  | 9003090088*      | 50-272           | R |
|                      | 9003080116       | 71-8348          |                    | 9003090088*      | 50-272           | R |
|                      |                  |                  |                    | 9003090108       | 50-354           | R |
|                      | 9003070383       | 71-8347          |                    |                  |                  |   |
|                      | 9003080086       | 50-287           | F                  | 9003090128       | 50-354           | P |
|                      | 9003090080       | 50-287           | Q                  | 9003090179       | 50-272           | R |
|                      | 9003080433       | 50-287           | R                  | 9003090235*      | 50-272           | P |
| 9003120160           | 71-9036          |                  | 9003090235*        | 50-272           | P                |   |
|                      |                  |                  | 9003090358         | 50-272           | R                |   |
| Co. of New Hampshire | 9003120646*      | 71-6348          |                    | 9003150408       | 50-272           | Q |
|                      | 9003160212       | 50-287           | P                  | 9003150409       | 50-272           | F |
|                      | 9003160226       | 50-287           | P                  | 9003150409       | 50-272           | F |
|                      | 9003270011       | 50-287           | R                  | 9003150409       | 50-272           | F |
|                      | 9003270382       | 50-287           | P                  | 9003150475       | 50-354           | P |
|                      | 9002260039       | 50-443           | P                  | 9003160055       | 50-272           | S |
|                      | 9002270151       | 50-443           | R                  | 9003190116       | 50-272           | F |
|                      | 9002270251       | 50-443           | P                  | 9003190116       | 50-272           | F |
|                      | 9002280136       | 50-443           | P                  | 9003190116       | 50-272           | F |
|                      | 9003010028       | 50-443           | G                  | 9003190116       | 50-272           | F |
|                      | 9003010028       | 50-443           | G                  | 9003200164       | 50-354           | R |
|                      | 9003010143       | 50-443           | G                  | 9003200173       | 50-311           | R |
|                      | 9003010143       | 50-443           | G                  | 9003200179       | 50-272           | R |
|                      | 9003050235       | 50-443           | P                  | 9003200268       | 50-354           | F |
|                      | 9003060078       | 50-443           | S                  | 9003200272       | 50-272           | F |
|                      |                  |                  |                    |                  |                  |   |
|                      | 9003080279       | 50-443           | Q                  | 9003200272       | 50-272           | F |
|                      | 9003080387       | 50-443           | R                  | 9003200272       | 50-272           | F |
|                      | 9003080405       | 50-443           | R                  | 9003200272       | 50-272           | F |
|                      | 9003080421       | 50-443           | R                  | 9003220163       | 50-311           | P |
| 9003080462           | 50-443           | R                | 9003220179         | 50-272           | Q                |   |
|                      | 9003090224       | 50-443           | I                  | 9003220179       | 50-272           | Q |
|                      | 9003090224       | 50-443           | I                  | 9003220264       | 50-354           | S |
|                      | 9003130602       | 50-443           | Q                  | 9003230031       | 50-272           | S |
|                      | 9003140043       | 50-443           | S                  | 9003230049       | 50-311           | S |
|                      | 9003140267       | 50-443           | R                  | 9003230063       | 50-272           | F |
|                      |                  |                  |                    |                  |                  |   |
|                      | 9003140420       | 50-443           | S                  | 9003230083       | 50-272           | F |
|                      | 9003150080       | 50-443           | Q                  | 9003260612       | 50-354           | Q |
|                      | 9003150418       | 50-443           | Q                  | 9003260533       | 50-311           | Q |
|                      | 9003150421       | 50-443           | P                  | 9003160168       | STATE PRO        | Q |
| 9003150447           | 50-443           | Q                |                    |                  |                  |   |
|                      | 9003160076       | 50-443           | G                  | 9002060401*      | WASTE MGT        |   |
|                      | 9003160374       | 50-443           | P                  | 9002280233       | 50-220           | Q |
|                      | 9003160388       | 50-443           | V                  | 9002280250       | 50-443           |   |
|                      | 9003160403       | 50-443           | Q                  | 9003150218       | 40-8805          |   |
|                      | 9003190019       | 50-443           | Q                  | 9003020081       | FOIA             |   |
|                      |                  |                  |                    |                  |                  |   |
|                      | 9003190056       | 50-443           | G                  | 9003220279       | PR               |   |
|                      | 9003200039       | 50-443           | R                  | 9003220040*      | 71-5939          |   |
|                      | 9003200300*      | 50-443           | P                  | 9003260320       | 71-5939          |   |
|                      | 9003200378       | 50-443           | S                  | 9003210071       | PR               |   |
| 9003200384           | 50-443           | S                | 9002270125*        | CONTRACT         |                  |   |
|                      | 9003200391       | 50-443           | P                  | 9003020082       | 40-8084          |   |
|                      | 9003220027       | 50-443           | R                  | 9003140428       | 40-8084          |   |
|                      | 9003220104       | 50-443           | G                  | 9003150472       | 40-8084          |   |
|                      | 9003220178       | 50-443           | G                  | 8912140328*      | 50-445           | Q |
|                      | 9003230017       | 50-443           | G                  |                  |                  |   |
|                      |                  |                  |                    |                  |                  |   |
|                      | 9003230085       | 50-443           | G                  | 9003280111       | 50-445           | Q |
|                      | 9003280230       | 50-443           | G                  | 9003280111       | 50-445           | Q |
|                      | 9002230329       | 50-311           | R                  | 9003290182*      | 50-445           | Q |
|                      |                  |                  |                    | 9003280182*      | 50-445           | Q |
| 9002280428           | 50-272           | P                | 9002280451         | 50-244           | P                |   |
|                      | 9002280428       | 50-272           | P                  | 9002280460       | 50-244           | P |
|                      | 9002280430*      | 50-272           | P                  | 9002280464*      | 50-244           | P |
|                      | 9002280430*      | 50-272           | P                  | 9002280470*      | 50-244           | P |
|                      | 9002280437       | 50-272           | Q                  | 9002280486       | 50-244           | P |
|                      | 9002280437       | 50-272           | Q                  | 9002280529       | 50-244           | P |
|                      |                  |                  |                    |                  |                  |   |
|                      | 9002270189       | 50-354           | R                  | 9002270209       | 50-244           | R |
|                      | 9002270457       | 50-354           | Q                  | 9002270452*      | 50-244           | Q |
|                      | 9003010013       | 50-364           | R                  | 9003010262       | 50-244           | P |
|                      | 9003010283       | 50-364           | S                  | 9003010284*      | 50-244           | P |
| 9003020129           | 50-311           | S                | 9003010287*        | 50-244           | P                |   |
|                      | 9003050296       | 50-272           | S                  | 9003020138       | 50-244           | Q |
|                      | 9003060012       | 50-272           | P                  | 9003060324       | 50-244           | P |
|                      | 9003060012       | 50-272           | P                  | 9003060326*      | 50-244           | P |
|                      | 9003060144       | 50-354           | P                  | 9003060327*      | 50-244           | P |
|                      | 9003070373       | 50-272           | P                  | 9003060328*      | 50-244           | P |
|                      |                  |                  |                    |                  |                  |   |
|                      | 9003070373       | 50-272           | P                  | 9003080329*      | 50-244           | P |
|                      | 9003070378*      | 50-272           | P                  | 9003080330*      | 50-244           | P |

|  |             |           |   |  |             |          |
|--|-------------|-----------|---|--|-------------|----------|
|  | 9003080336* | 50-244    | P |  | 9003050010  | 70-25    |
|  | 9003080337* | 50-244    | P |  | 9003180098  | 70-25    |
|  | 9003080340* | 50-244    | P |  | 9003230069  | 70-25    |
|  | 9003080341* | 50-244    | P | Scottsboro, AL   | 9002280201* | CONTRACT |
|  | 9003080389* | 50-244    | P | Seacoast Anti-Pollution League                           | 9003010185  | 50-443   |
|  | 9003080371* | 50-244    | P |  | 9003050051  | 50-443   |
|  | 9003080374* | 50-244    | P |  | 9003050051* | 50-443   |
|  | 9003080376* | 50-244    | P |  | 9003050056* | 60-443   |
|  | 9003120288  | 50-244    | P |  | 9003050056* | 50-443   |
|  | 9003130567  | 50-244    | Q |  | 9003050088  | 50-443   |
|  | 9003130570  | 50-244    | R |  | 9003050088  | 50-443   |
|  | 9003220184  | 50-244    | R |  | 9003050121* | 50-443   |
|  | 9003270020  | 50-244    | S |  | 9003050121* | 50-443   |
|  | 9003270044  | 50-244    | P |  | 9003160070  | 60-443   |
|  | 9003270046* | 50-244    | P |  | 9003160070  | 60-443   |
|  | 9003270048* | 50-244    | P |  | 9003160142  | 60-443   |
|  | 9003270136  | 50-244    | Q |  | 9003220184  | 50-443   |
|  | 9003270203  | 50-244    | P |  | 9003220184  | 50-443   |
|  | 9003270212* | 50-244    | P |  | 9003220187* | 50-443   |
| Rochester, NY                            | 9002270154* | CONTRACT  |   |  | 9003220187* | 50-443   |
| Rockford, IL                             | 9002260439* | CONTRACT  |   |  | 9003230035  | 60-443   |
| Rockwell International Corp.             | 9003020121  | 70-25     |   | Senate   | 8106230229* | 60-220   |
|  | 9003190017  | 70-25     |   |  | 8204280425* | FOIA     |
|  | 9003210055* | FOIA      |   |  | 8401120571* | 50-3     |
|  | 9003300125  | 70-25     |   |  | 9002220549* | 60-602   |
| Rogers & Associates Engineering Corp.    | 9003010027* | 40-2081   |   |  | 9003020138* | 70-25    |
|  | 9003010037* | 40-2081   |   |  | 9003060027* | 50-443   |
| Ropes & Gray                             | 9003010028  | 50-443    | G |  | 9003070282* | 50-443   |
|  | 9003010143  | 50-443    | G |  | 9003080385* | FOIA     |
|  | 9003160076  | 50-443    | G |  | 9003080403* | 50-3     |
|  | 9003190056  | 50-443    | G |  | 9003090498* | 50-3     |
|  | 9003220104  | 50-443    | G |  | 9003120136* | FOIA     |
|  | 9003220178  | 50-443    | G |  | 9003120210* | FOIA     |
|  | 9003230017  | 50-443    | G |  | 9003120253* | 50-276   |
|  | 9003230095  | 60-443    | G |  | 9003120355* | FOIA     |
|  | 9003280230  | 50-443    | G |  | 9003120363* | 50-322   |
|  | 9003300110  | 50-271    | G |  | 9003120412* | FOIA     |
| SACM Diesel                              | 9003210350  | QA999     |   |  | 9003120480* | 50-3     |
| SO-BI-CO Materials Testing Service       | 9003130385* | 40-3382   |   |  | 9003120545* | FOIA     |
| Sacramento Municipal Utility District    | 9002270203  | 50-312    | V |  | 9003130104* | FOIA     |
|  | 9002280009  | 50-312    | S |  | 9003130441* | 60-322   |
|  | 9003020037  | 50-312    | J |  | 9003130515* | 60-322   |
|  | 9003020251  | 50-312    | Q |  | 9003130538* | FOIA     |
|  | 9003020263  | 50-312    | Q |  | 9003130546* | FOIA     |
|  | 9003080063  | 50-312    | V |  | 9003130580* | FOIA     |
|  | 9003080285  | 50-312    | R |  | 9003130589* | 50-3     |
|  | 9003080384  | 50-312    | P |  | 9003130576* | FOIA     |
|  | 9003080468  | 50-312    | F |  | 9003130577* | 50-334   |
|  | 9003120458  | 50-312    | V |  | 9003130839* | 40-2081  |
|  | 9003150228  | 50-312    | R |  | 9003140057* | 50-264   |
|  | 9003150403  | 50-312    | R |  | 9003190180* | FOIA     |
|  | 9003150430  | 50-312    | J |  | 9003190221* | 60-3     |
|  | 9003160203  | 60-312    | F |  | 9003190229* | 60-322   |
|  | 9003160277* | 60-312    | F |  | 9003190237* | FOIA     |
|  | 9003190078  | 50-312    | P |  | 9003220131* | 50-250   |
|  | 9003190332  | 50-312    | F |  | 9003280189* | 60-336   |
|  | 9003200149  | 50-312    | R |  | 9003230183* | CONTRACT |
|  | 9003280361  | 50-312    | S | Sentry Equipment Corp.<br>Sequa Corp.                    | 9003070217  | QA999    |
| Sacramento, CA                           | 9002270324* | CONTRACT  |   | Sequa Engineered Services                                | 9003070024  | QA999    |
| Salem, NJ                                | 9003150357* | CONTRACT  |   |  | 9003080388  | QA999    |
| Sandia National Laboratories             | 9002260109  | WASTE RES |   | Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.) | 9003010459  | 40-8027  |
|  | 9003080082  | WASTE MGT |   |  | 9003090108  | 40-8027  |
|  | 9003070222  | 50-327    | P |  |             |          |
|  | 9003070229  | NUREG     |   | Sergeant, Hauskins & Beckwith                            | 9003060319  | 71-9033  |
|  | 9003070275  | NUREG     |   | Shaw, Pittman, Potts & Trowbridge                        | 9002260146  | ORG      |
|  | 9003120772  | NUREG     |   |  | 9003080451  | 50-277   |
|  | 9003190287  | NUREG     |   | Shield Sources, Inc.                                     | 9002260225* | XPORTLIC |
|  | 9003190289  | NUREG     |   |  | 9002270097  | XPORTLIC |
|  | 9003190293  | NUREG     |   | Shieldalloy Metallurgical Corp.                          | 9002260555  | 40-8948  |
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| (formerly Science Applications, Inc.)    |             |           |   | Skin Steel & Supply Co., Inc.                            | 9003200358  | 50-250   |
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|  | 9003090424* | NUREG     |   | Soreq Nuclear Research Center, Yavne, Israel             | 9003210129* | ORG      |
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|  | 9003190150* | WASTE MGT |   | Source Production & Equipment Co., Inc.                  | 9003090072  | 71-9056  |
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listed as enclosures are those indicated by an asterisk following the accession number in the index. The second column gives the accession number of the principal document under which the enclosure is listed. Knowing the accession number of the principal document, the date issued, and the category enables locating the title listing of the enclosure.

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| 8902280164 | 9003130555         | 90/03/07    | FOIA             |
| 8902280167 | 9003130555         | 90/03/07    | FOIA             |
| 8904030207 | 9003190299         | 90/03/12    | FOIA             |
| 8905010040 | 9003130555         | 90/03/07    | FOIA             |
| 8905010045 | 9003130555         | 90/03/07    | FOIA             |
| 8905030234 | 9003120158         | 90/03/08    | PR               |
| 8905030236 | 9003120158         | 90/03/08    | PR               |
| 8905050221 | 9003130555         | 90/03/07    | FOIA             |
| 8905050224 | 9003130555         | 90/03/07    | FOIA             |
| 8905100269 | 9002240146         | 90/02/15    | ACRS             |
| 8905100280 | 9002280146         | 90/02/15    | ACRS             |
| 8907060022 | 9003200374         | 90/03/12    | FOIA             |
| 8907100161 | 8908170130         | 89/08/10    | ORG              |
| 8907240445 | 9003320109         | 90/02/28    | FOIA             |
| 8908240273 | 9003260374         | 90/03/12    | FOIA             |
| 8909080069 | 9003130555         | 90/03/07    | FOIA             |
| 8909080072 | 9003130555         | 90/03/07    | FOIA             |
| 8909180195 | 9003260093         | 90/03/16    | TOPREP           |
| 8909180197 | 9003260093         | 90/03/16    | TOPREP           |
| 8909180201 | 9003260093         | 90/03/16    | TOPREP           |
| 8909280187 | 9003130555         | 90/03/07    | FOIA             |
| 8910080017 | 9003020108         | 90/02/28    | FOIA             |
| 8911070157 | 9003120059         | 90/03/08    | FOIA             |
| 8911090198 | 9002270388         | 90/02/18    | 50-387 P         |
| 8911090200 | 9002270388         | 90/02/18    | 50-387 P         |
| 8911090225 | 9003180088         | 90/03/08    | 50-352 P         |
| 8912140328 | 9003050274         | 90/02/28    | 50-445 Q         |
| 8912140328 | 9003050274         | 90/02/28    | 50-445 Q         |
| 8912270138 | 9002270278         | 90/02/18    | COMMISS/O N      |
| 9001050085 | 9003070326         | 89/12/20    | 50-334 R         |
| 9001050209 | 9003230266         | 90/03/20    | REVIEW GR P      |
| 9001050211 | 9003230266         | 90/03/20    | REVIEW GR P      |
| 9001050284 | 9003200374         | 90/03/12    | FOIA             |
| 9001080152 | 9002260878         | 90/02/14    | 50-298 P         |
| 9001120013 | 9001120011         | 89/12/28    | 50-348 Q         |
| 9001120023 | 9001120016         | 90/01/04    | TOPREP           |
| 9001300340 | 9003200374         | 90/03/12    | FOIA             |
| 9001310400 | 9002160076         | 90/01/02    | CONTRACT         |
| 9001310470 | 9003020108         | 90/02/28    | FOIA             |

|            |            |          |           |   |            |            |          |           |   |
|------------|------------|----------|-----------|---|------------|------------|----------|-----------|---|
| 9002020239 | 9002020234 | 90/01/25 | 50-247    | Q | 9002230311 | 9002230305 | 90/02/15 | 70-1308   |   |
| 9002060367 | 9003020200 | 90/02/20 | 50-387    | F | 9002230314 | 9002230305 | 90/02/15 | 70-1308   |   |
| 9002060401 | 9003260041 | 90/03/21 | WASTE MGT |   | 9002230316 | 9002230305 | 90/02/15 | 70-1308   |   |
| 9002060254 | 9002260002 | 90/02/13 | 50-245    | P | 9002230336 | 9002230333 | 90/02/15 | 50-413    | P |
| 9002080258 | 9002260002 | 90/02/13 | 50-245    | P | 9002230338 | 9002230334 | 90/02/20 | 50-295    | P |
| 9002130071 | 9003260041 | 90/03/21 | WASTE MGT |   | 9002230341 | 9002230333 | 90/02/15 | 50-413    | P |
| 9002130129 | 9002130127 | 90/01/31 | 50-259    | P | 9002230346 | 9002230342 | 90/02/07 | 50-277    | P |
| 9002130259 | 9003050274 | 90/02/28 | 50-445    | O | 9002230349 | 9002230347 | 90/02/15 | 50-369    | P |
| 9002140015 | 9003050274 | 90/02/28 | 50-445    | O | 9002230353 | 9002230347 | 90/02/15 | 50-389    | P |
| 9002140032 | 9003050274 | 90/02/28 | 50-445    | Q | 9002230370 | 9002230367 | 90/02/07 | 70-1113   |   |
| 9002140039 | 9003050274 | 90/02/28 | 50-445    | O | 9002230506 | 9002230502 | 90/02/16 | 50-255    | P |
| 9002140041 | 9003050274 | 90/02/28 | 50-445    | O | 9002230515 | 9002230512 | 90/02/08 | 50-269    | P |
| 9002140043 | 9003050274 | 90/02/28 | 50-445    | O | 9002230529 | 9002230523 | 90/02/08 | 50-275    | P |
| 9002140046 | 9003050274 | 90/02/28 | 50-445    | O | 9002230532 | 9002230526 | 90/02/08 | 50-302    | P |
| 9002140047 | 9003050274 | 90/02/28 | 50-445    | Q | 9002230535 | 9002230523 | 90/02/08 | 50-275    | P |
| 9002140050 | 9003050274 | 90/02/28 | 50-445    | Q | 9002230541 | 9002230537 | 90/02/08 | 50-269    | O |
| 9002140053 | 9003050274 | 90/02/28 | 50-445    | Q | 9002230545 | 9002230542 | 90/02/09 | 60-413    | P |
| 9002140054 | 9003050274 | 90/02/28 | 50-445    | Q | 9002230554 | 9002230550 | 90/02/20 | 50-424    | P |
| 9002140056 | 9003050274 | 90/02/28 | 50-445    | Q | 9002230559 | 9002230557 | 90/02/21 | 50-266    | P |
| 9002140058 | 9003050274 | 90/02/28 | 50-445    | Q | 9002260012 | 9002260008 | 90/02/12 | 50-298    | P |
| 9002140060 | 9003050274 | 90/02/28 | 50-445    | O | 9002260049 | 9002260041 | 90/02/14 | 50-327    | P |
| 9002140063 | 9003050274 | 90/02/28 | 50-445    | O | 9002260056 | 9002260053 | 90/02/13 | 50-382    | O |
| 9002140072 | 9003050274 | 90/02/28 | 50-445    | O | 9002260088 | 9002260087 | 90/02/16 | 50-73     | O |
| 9002140075 | 9003050274 | 90/02/28 | 50-445    | O | 9002260097 | 9002260090 | 90/02/07 | 50-369    | O |
| 9002140077 | 9003050274 | 90/02/28 | 50-445    | Q | 9002260103 | 9002260083 | 90/02/16 | WASTE MGT |   |
| 9002140081 | 9003050274 | 90/02/28 | 50-445    | O | 9002260114 | 9002260112 | 90/02/08 | 50-261    | O |
| 9002140082 | 9003050274 | 90/02/28 | 50-445    | O | 9002260119 | 9002260116 | 90/02/02 | 50-348    | O |
| 9002140087 | 9003050274 | 90/02/28 | 50-445    | O | 9002260135 | 9002260129 | 90/02/20 | 50-283    | V |
| 9002140089 | 9003050274 | 90/02/28 | 50-445    | O | 9002260136 | 9002260134 | 90/02/20 | 50-369    | O |
| 9002140094 | 9003050274 | 90/02/28 | 50-445    | O | 9002260152 | 9002260137 | 90/02/07 | COMMISSIO | N |
| 9002140096 | 9003050274 | 90/02/28 | 50-445    | O | 9002260155 | 9002260116 | 90/02/02 | 50-348    | V |
| 9002140099 | 9003050274 | 90/02/28 | 50-445    | O | 9002260159 | 9001310177 | 90/01/25 | COMMISSIO | N |
| 9002140101 | 9003050274 | 90/02/28 | 50-445    | O | 9002260162 | 9002260154 | 90/02/14 | 50-247    | N |
| 9002140104 | 9003050274 | 90/02/28 | 50-445    | O | 9002260164 | 9001310177 | 90/01/25 | COMMISSIO | N |
| 9002140109 | 9003050274 | 90/02/28 | 50-445    | Q | 9002260166 | 9002260160 | 90/02/14 | 70-27     |   |
| 9002140161 | 9003050274 | 90/02/28 | 50-445    | O | 9002260168 | 9002260160 | 90/02/14 | 70-27     |   |
| 9002140163 | 9003050274 | 90/02/28 | 50-445    | O | 9002260171 | 9002260128 | 90/02/20 | 50-263    | O |
| 9002140169 | 9003050274 | 90/02/28 | 50-445    | O | 9002260174 | 9002260128 | 90/02/20 | 50-263    | O |
| 9002140296 | 9002140292 | 58/12/15 | CONTRACT  |   | 9002260178 | 9002260176 | 90/02/18 | 50-456    | P |
| 9002220060 | 9002220255 | 90/02/07 | 50-443    | F | 9002260183 | 9002260170 | 90/02/20 | CONTRACT  |   |
| 9002220324 | 9002220321 | 90/02/07 | 50-482    | P | 9002260181 | 9002260188 | 90/02/20 | CONTRACT  |   |
| 9002220350 | 9002220346 | 90/02/07 | 70-687    |   | 9002260185 | 9002260183 | 90/02/08 | 50-454    | P |
| 9002220373 | 9002220369 | 90/02/07 | 50-289    | Q | 9002260198 | 9002260183 | 90/02/08 | 50-454    | P |
| 9002220388 | 9002220383 | 90/02/13 | 50-423    | P | 9002260201 | 9002260188 | 90/02/20 | CONTRACT  |   |
| 9002220402 | 9002220401 | 90/02/12 | 50-328    | P | 9002260225 | 9002260207 | 90/02/05 | XPORTLIC  |   |
| 9002220403 | 9002220400 | 90/02/12 | 50-395    | P | 9002260235 | 9002260231 | 90/01/18 | COMMISSIO | N |
| 9002220409 | 9002220408 | 90/02/08 | 50-384    | P | 9002260244 | 9002260240 | 90/02/08 | 50-481    | P |
| 9002220431 | 9002220427 | 90/02/07 | 50-443    | Q | 9002260248 | 9002260240 | 90/02/08 | 50-481    | P |
| 9002220436 | 9002220435 | 90/02/12 | 50-286    | P | 9002260251 | 9002260248 | 90/02/07 | 50-327    | O |
| 9002220437 | 9002220436 | 90/02/12 | 50-286    | P | 9002260255 | 9002260248 | 90/02/07 | 50-327    | O |
| 9002220447 | 9002220444 | 90/02/13 | 50-54     | P | 9002260259 | 9002260250 | 90/02/05 | 50-269    | P |
| 9002220450 | 9002220446 | 90/02/07 | 50-305    | P | 9002260272 | 9002260268 | 90/02/12 | 50-315    | V |
| 9002220468 | 9002220400 | 90/02/12 | 50-395    | P | 9002260273 | 9002260270 | 90/02/12 | 50-324    | F |
| 9002220478 | 9002220472 | 90/02/12 | 50-395    | P | 9002260275 | 9002260270 | 90/02/12 | 50-324    | F |
| 9002220479 | 9002220472 | 90/02/12 | 50-395    | P | 9002260280 | 9002260276 | 90/02/02 | 50-260    | O |
| 9002220493 | 9002220486 | 90/02/09 | 50-333    | P | 9002260283 | 9002260282 | 90/02/09 | 50-295    | O |
| 9002220495 | 9002220486 | 90/02/09 | 50-333    | P | 9002260285 | 9002260282 | 90/02/16 | 50-344    | P |
| 9002220496 | 9002220486 | 90/02/09 | 50-333    | P | 9002260287 | 9002260282 | 90/02/16 | 50-344    | P |
| 9002220499 | 9002220487 | 90/02/02 | 60-443    | Q | 9002260290 | 9002260282 | 90/02/09 | 50-295    | O |
| 9002220503 | 9002220488 | 90/02/09 | 50-341    | P | 9002260293 | 9002260282 | 90/02/09 | 50-295    | O |
| 9002220523 | 9002220520 | 90/01/31 | 50-282    | Q | 9002260295 | 9002260286 | 90/02/07 | 50-385    | O |
| 9002220527 | 9002220516 | 90/02/10 | 50-369    | P | 9002260299 | 9002260284 | 90/02/14 | 50-369    | O |
| 9002220532 | 9002220520 | 90/01/31 | 50-282    | Q | 9002260307 | 9002260301 | 90/02/07 | 50-335    | O |
| 9002220533 | 9002220516 | 90/02/10 | 50-369    | P | 9002260309 | 9002260306 | 90/02/08 | 50-400    | O |
| 9002220534 | 9002220522 | 90/02/07 | 50-317    | Q | 9002260312 | 9002260284 | 90/02/14 | 50-369    | P |
| 9002220536 | 9002220528 | 90/02/09 | 50-220    | H | 9002260313 | 9002260304 | 90/02/13 | 50-271    | O |
| 9002220537 | 9002220528 | 90/02/12 | 50-458    | Q | 9002260314 | 9002260311 | 90/02/13 | 50-344    | P |
| 9002220545 | 9002220522 | 90/02/07 | 50-317    | Q | 9002260315 | 9002260311 | 90/02/13 | 50-382    | P |
| 9002220548 | 9002220543 | 90/02/09 | 50-602    | H | 9002260316 | 9002260310 | 90/02/13 | 50-382    | P |
| 9002220554 | 9002220550 | 90/02/08 | 50-155    | P | 9002260320 | 9002260317 | 90/02/02 | 50-302    | V |
| 9002220595 | 9002220591 | 90/02/08 | COMMISSIO | N | 9002260326 | 9002260321 | 90/02/05 | 50-180    | O |
| 9002220617 | 9002220613 | 90/02/14 | 50-112    | P | 9002260327 | 9002260323 | 90/02/02 | 50-324    | O |
| 9002220618 | 9002220614 | 90/02/08 | 50-275    | P | 9002260329 | 9002260323 | 90/02/02 | 50-324    | O |
| 9002220619 | 9002220606 | 90/02/13 | 50-276    | Q | 9002260336 | 9002260332 | 90/02/05 | CONTRACT  |   |
| 9002220622 | 9002220613 | 90/02/14 | 50-112    | P | 9002260337 | 9002260333 | 90/02/06 | 50-269    | V |
| 9002220623 | 9002220614 | 90/02/06 | 50-275    | P | 9002260341 | 9002260317 | 90/02/02 | 50-302    | V |
| 9002220625 | 9002220604 | 90/02/09 | 50-275    | Q | 9002260343 | 9002260187 | 90/01/30 | 50-424    | O |
| 9002220628 | 9002220613 | 90/02/14 | 50-112    | P | 9002260346 | 9002260345 | 90/02/13 | 50-264    | O |
| 9002220634 | 9002220629 | 89/11/30 | TOPREP    |   | 9002260353 | 9002260350 | 90/02/16 | 50-327    | O |
| 9002220641 | 9002220629 | 89/11/30 | TOPREP    |   | 9002260355 | 9002260354 | 90/02/08 | 50-353    | P |
| 9002220645 | 9002220629 | 89/11/30 | TOPREP    |   | 9002260357 | 9002260354 | 90/02/08 | 50-353    | P |
| 9002220675 | 9002220670 | 90/02/06 | WASTE RES | Q | 9002260362 | 9002260361 | 90/02/13 | 50-295    | P |
| 9002220728 | 9002220727 | 90/02/21 | 50-8903   |   | 9002260367 | 9002260366 | 90/02/15 | 50-413    | P |
| 9002230041 | 9002230039 | 90/02/12 | 50-317    | Y | 9002260368 | 9002260366 | 90/01/08 | CONTRACT  |   |
| 9002230099 | 9002230097 | 90/02/02 | 50-317    | Y | 9002260369 | 9002260366 | 90/02/15 | 50-413    | P |
| 9002230301 | 9002230291 | 90/02/08 | 50-315    | P | 9002260386 | 9002260383 | 90/02/20 | CONTRACT  |   |
| 9002230303 | 9002230291 | 90/02/08 | 50-315    | P | 9002260404 | 9002260401 | 90/01/18 | TOPREP    |   |

| ACCESSION NUMBER |                    |             |                  |   | ACCESSION NUMBER |                    |             |                  |   |
|------------------|--------------------|-------------|------------------|---|------------------|--------------------|-------------|------------------|---|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   |
| 9002260407       | 9002260400         | 90/02/08    | 50-338           | Q | 9002270240       | 9002270235         | 90/02/26    | 71-9188          |   |
| 9002260429       | 9002260423         | 90/02/15    | 50-387           | R | 9002270241       | 9002270239         | 90/02/20    | CONTRACT         |   |
| 9002260430       | 9002260428         | 90/02/08    | 50-272           | P | 9002270245       | 9002270244         | 90/02/09    | 50-293           | F |
| 9002260431       | 9002260423         | 90/02/15    | 50-387           | R | 9002270258       | 9002270255         | 90/02/20    | CONTRACT         | N |
| 9002260436       | 9002260426         | 90/02/15    | 50-271           | P | 9002270260       | 9002270201         | 90/02/16    | COMMISSIO        |   |
| 9002260438       | 9002260149         | 90/01/30    | 50-220           | P | 9002270284       | 9002270281         | 90/02/20    | CONTRACT         |   |
| 9002260439       | 9002260427         | 90/02/20    | CONTRACT         |   | 9002270267       | 9002270220         | 90/02/20    | CONTRACT         |   |
| 9002260442       | 9002260149         | 90/01/30    | 60-220           | P | 9002270270       | 9002270268         | 90/02/20    | CONTRACT         |   |
| 9002260443       | 9002260149         | 90/01/30    | 50-220           | P | 9002270276       | 9002270272         | 90/02/20    | CONTRACT         |   |
| 9002260446       | 9002260441         | 90/02/22    | WASTE MGT        |   | 9002270280       | 9002270273         | 90/02/16    | 71-355           |   |
| 9002260484       | 9002260450         | 90/02/16    | 50-244           | P | 9002270281       | 9002270278         | 90/02/16    | COMMISSIO        | N |
| 9002260486       | 9002260480         | 90/02/19    | 60-285           | P | 9002270283       | 9002270279         | 90/02/12    | 70-8             |   |
| 9002260488       | 9002260460         | 90/02/19    | 60-285           | P | 9002270287       | 9002270284         | 90/02/16    | 71-347           |   |
| 9002260470       | 9002260459         | 90/02/16    | 50-244           | P | 9002270291       | 9002270288         | 90/02/14    | 50-293           | Q |
| 9002260471       | 9002260461         | 90/02/13    | 50-184           | Q | 9002270292       | 9002270290         | 90/02/16    | 71-159           |   |
| 9002260484       | 9002260478         | 90/01/18    | COMMISSIO        | N | 9002270299       | 9002270295         | 90/02/08    | 50-277           | Q |
| 9002260485       | 9002260482         | 89/12/26    | CONTRACT         |   | 9002270302       | 9002270300         | 90/02/07    | 50-293           | Q |
| 9002260491       | 9002260478         | 90/01/18    | COMMISSIO        | N | 9002270307       | 9002270303         | 90/02/20    | CONTRACT         |   |
| 9002260493       | 9002260488         | 90/02/14    | CONTRACT         |   | 9002270311       | 9002270310         | 90/02/14    | 50-218           | Q |
| 9002260502       | 9002260498         | 90/02/06    | 50-255           | Q | 9002270312       | 9002270309         | 90/02/20    | CONTRACT         |   |
| 9002260508       | 9002260501         | 90/02/20    | CONTRACT         |   | 9002270316       | 9002270314         | 90/02/13    | 50-334           | Q |
| 9002260507       | 9002260504         | 90/02/16    | 50-333           | Q | 9002270320       | 9002270318         | 90/02/20    | CONTRACT         |   |
| 9002260509       | 9002260378         | 90/02/19    | 50-305           | P | 9002270324       | 9002270321         | 90/02/20    | CONTRACT         |   |
| 9002260512       | 9002260173         | 00/02/01    | COMMISSIO        | N | 9002270331       | 9002270328         | 90/02/13    | 50-286           | Q |
| 9002260513       | 9002260508         | 90/02/16    | 50-286           | P | 9002270355       | 9002270354         | 90/02/14    | 50-255           | Q |
| 9002260525       | 9002260500         | 90/02/12    | 50-387           | P | 9002270358       | 9002270353         | 90/02/21    | 50-289           | P |
| 9002260534       | 9002260530         | 90/02/13    | 50-286           | Q | 9002270361       | 9002270359         | 90/02/21    | 50-285           | P |
| 9002260535       | 9002260533         | 90/02/22    | WASTE MGT        |   | 9002270362       | 9002270358         | 90/02/13    | COMMISSIO        | N |
| 9002260537       | 9002260533         | 90/02/22    | WASTE MGT        |   | 9002270364       | 9002270358         | 90/02/13    | COMMISSIO        | N |
| 9002260544       | 9002260350         | 90/02/15    | 50-327           | Q | 9002270367       | 9002270367         | 90/02/15    | 50-258           | P |
| 9002260546       | 9002260543         | 90/02/00    | WASTE MGT        |   | 9002270368       | 9002270368         | 90/02/20    | 50-443           | Q |
| 9002260550       | 9002260548         | 90/02/14    | 71-230           |   | 9002270371       | 9002270368         | 90/02/20    | 50-443           | Q |
| 9002260553       | 9002260551         | 90/02/01    | 60-206           | Q | 9002270373       | 9002270358         | 90/02/13    | COMMISSIO        | N |
| 9002260561       | 9002260560         | 90/02/14    | 50-213           | P | 9002270377       | 9002270358         | 90/02/13    | COMMISSIO        | N |
| 9002260562       | 9002260555         | 90/02/21    | 40-8848          |   | 9002270383       | 9002270358         | 90/02/13    | COMMISSIO        | N |
| 9002260581       | 9002260578         | 90/02/05    | 50-206           | Q | 9002270383       | 9002270379         | 90/02/16    | 50-334           | Q |
| 9002260582       | 9002260578         | 90/02/05    | 50-206           | Q | 9002270384       | 9002270358         | 90/02/13    | COMMISSIO        | N |
| 9002260586       | 9002260584         | 90/02/01    | 50-312           | Q | 9002270386       | 9002270382         | 90/02/16    | 50-416           | P |
| 9002270001       | 9002260673         | 90/02/16    | 50-272           | P | 9002270387       | 9002270379         | 90/02/16    | 50-334           | P |
| 9002270004       | 9002270003         | 90/02/16    | 60-461           | Q | 9002270388       | 9002270388         | 90/02/16    | 50-387           | Q |
| 9002270005       | 9002270003         | 90/02/16    | 60-461           | Q | 9002270401       | 9002270398         | 90/02/21    | 50-277           | Q |
| 9002270006       | 9002270008         | 90/02/16    | 50-468           | Q | 9002270403       | 9002270402         | 90/02/20    | CONTRACT         |   |
| 9002270011       | 9002270008         | 90/02/16    | 50-468           | Q | 9002270413       | 9002270408         | 90/02/14    | 60-295           | P |
| 9002270016       | 9002270015         | 90/02/13    | 50-468           | Q | 9002270416       | 9002270411         | 90/02/20    | CONTRACT         |   |
| 9002270036       | 9002270023         | 90/02/12    | 50-282           | Q | 9002270420       | 9002270358         | 90/02/21    | 50-295           | P |
| 9002270038       | 9002270023         | 90/02/12    | 60-282           | Q | 9002270424       | 9002270422         | 90/02/20    | CONTRACT         |   |
| 9002270043       | 9002270040         | 90/02/16    | 50-341           | P | 9002270429       | 9002270426         | 90/02/20    | 50-247           | Q |
| 9002270045       | 9002270040         | 90/02/16    | 50-341           | P | 9002270433       | 9002270430         | 90/02/20    | CONTRACT         |   |
| 9002270048       | 9002270040         | 90/02/16    | 50-341           | P | 9002270438       | 9002270435         | 90/02/20    | CONTRACT         |   |
| 9002270049       | 9002270044         | 90/02/16    | 50-389           | P | 9002270440       | 9002270438         | 90/02/20    | CONTRACT         |   |
| 9002270061       | 9002270058         | 90/02/08    | 50-331           | P | 9002270445       | 9002270441         | 90/02/08    | 60-293           | Q |
| 9002270063       | 9002270062         | 90/02/13    | 50-331           | P | 9002270447       | 9002270443         | 90/02/20    | CONTRACT         |   |
| 9002270068       | 9002270064         | 90/02/14    | 60-488           | P | 9002270449       | 9002270448         | 90/02/16    | 50-445           | Q |
| 9002270073       | 9002270073         | 90/02/15    | 50-333           | P | 9002270451       | 9002270448         | 90/02/16    | 50-445           | Q |
| 9002270079       | 9002270073         | 90/02/16    | 50-333           | P | 9002270452       | 9002270450         | 90/02/16    | 50-244           | Q |
| 9002270087       | 9002270084         | 90/02/16    | 50-341           | P | 9002270458       | 9002270455         | 90/02/27    | WASTE MGT        |   |
| 9002270089       | 9002270088         | 90/02/15    | 50-443           | Q | 9002270459       | 9002270457         | 90/02/16    | 50-354           | Q |
| 9002270092       | 9002270080         | 90/02/13    | 60-333           | P | 9002270461       | 9002270456         | 90/02/16    | 50-334           | Q |
| 9002270094       | 9002270080         | 90/02/13    | 50-333           | P | 9002270462       | 9002270457         | 90/02/16    | 50-354           | Q |
| 9002270100       | 9002270088         | 90/02/16    | 50-443           | Q | 9002270469       | 9002270467         | 90/02/16    | 50-29            | Q |
| 9002270109       | 9002270086         | 90/02/16    | 50-361           | P | 9002270470       | 9002270466         | 90/02/23    | 40-2081          |   |
| 9002270110       | 9002270105         | 90/02/05    | CONTRACT         |   | 9002270471       | 9002270466         | 90/02/23    | 40-2081          |   |
| 9002270118       | 9002270111         | 90/02/20    | CONTRACT         |   | 9002280021       | 9002280020         | 90/02/16    | 50-322           | J |
| 9002270120       | 9002270116         | 90/02/13    | 50-458           | Q | 9002280025       | 9002270328         | 90/02/16    | 50-324           | N |
| 9002270125       | 9002270122         | 90/02/20    | CONTRACT         |   | 9002280032       | 9002280022         | 90/02/12    | COMMISSIO        |   |
| 9002270126       | 9002270123         | 90/02/13    | 50-308           | Q | 9002280034       | 9002270316         | 90/02/16    | 50-344           | P |
| 9002270134       | 9002270131         | 90/02/12    | 50-283           | Q | 9002280036       | 9002270316         | 90/02/16    | 50-344           | P |
| 9002270137       | 9002270135         | 90/02/20    | CONTRACT         |   | 9002280048       | 9002270339         | 90/02/16    | 50-344           | P |
| 9002270140       | 9002270130         | 90/02/16    | 70-734           |   | 9002280054       | 9002270339         | 90/02/16    | 50-344           | P |
| 9002270141       | 9002280678         | 90/02/14    | 50-298           | P | 9002280063       | 9002280061         | 90/02/20    | 50-322           | P |
| 9002270146       | 9002270144         | 90/02/20    | CONTRACT         |   | 9002280064       | 9002280061         | 90/02/20    | 50-322           | P |
| 9002270149       | 9002270143         | 90/02/20    | CONTRACT         |   | 9002280068       | 9002280061         | 90/02/20    | 50-322           | P |
| 9002270150       | 9002270138         | 90/02/14    | 70-25            |   | 9002280086       | 9002280084         | 90/02/23    | 60-424           | P |
| 9002270154       | 9002270152         | 90/02/20    | CONTRACT         |   | 9002280089       | 9002280084         | 90/02/23    | 50-424           | P |
| 9002270156       | 9002270155         | 90/02/20    | CONTRACT         |   | 9002280097       | 9002280095         | 90/02/20    | CONTRACT         |   |
| 9002270162       | 9002270158         | 90/02/20    | CONTRACT         |   | 9002280101       | 9002280100         | 90/02/20    | CONTRACT         |   |
| 9002270163       | 9002270161         | 90/02/13    | 50-305           | Q | 9002280116       | 9002280113         | 90/02/20    | CONTRACT         |   |
| 9002270165       | 9002270159         | 90/02/20    | CONTRACT         |   | 9002280131       | 9002280118         | 90/02/16    | PROJ             |   |
| 9002270186       | 9002270181         | 90/02/13    | 50-305           | Q | 9002280135       | 9002280132         | 90/02/08    | 50-445           | P |
| 9002270172       | 9002270167         | 90/02/20    | CONTRACT         |   | 9002280137       | 9002280132         | 90/02/08    | 50-445           | P |
| 9002270183       | 9002270177         | 90/02/18    | 70-371           |   | 9002280151       | 9002280149         | 90/02/20    | CONTRACT         |   |
| 9002270189       | 9002270188         | 90/02/13    | 50-482           | Q | 9002280167       | 9002280168         | 90/02/12    | 50-341           | Q |
| 9002270211       | 9002270206         | 90/02/02    | 50-348           | P | 9002280171       | 9002280168         | 90/02/12    | 50-341           | Q |
| 9002270216       | 9002270205         | 90/02/02    | 50-348           | P | 9002280177       | 9002280175         | 90/02/16    | 50-283           | R |
| 9002270224       | 9002270223         | 89/12/12    | 60-605           | A | 9002280181       | 9002280175         | 90/02/16    | 50-283           |   |
| 9002270227       | 9002270223         | 89/12/12    | 50-605           | A | 9002280182       | 9002280180         | 90/02/08    | 71-185           | F |
| 9002270236       | 9002270234         | 90/02/20    | CONTRACT         |   | 9002280184       | 9002280132         | 90/02/08    | 50-445           |   |

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 9002280208       | 9002280207         | 90/02/18    | 50-445           | 9003010220       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280210       | 9002280205         | 90/02/20    | CONTRACT         | 9003010228       | 9003010224         | 90/02/18    | 50-483           |
| 9002280211       | 9002280209         | 90/02/20    | 50-468           | 9003010228       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280214       | 9002280212         | 90/02/20    | 50-219           | 9003010231       | 9003010221         | 90/01/19    | 40-8659          |
| 9002280215       | 9002280212         | 90/02/20    | 50-219           | 9003010233       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280235       | 9002280231         | 90/02/05    | 40-8857          | 9003010235       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280258       | 9002280252         | 90/02/18    | 50-155           | 9003010237       | 9003010234         | 90/02/23    | 50-254           |
| 9002280264       | 9002280260         | 90/02/15    | 50-247           | 9003010238       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280269       | 9002280260         | 90/02/15    | 50-247           | 9003010239       | 9003010230         | 90/02/28    | PR               |
| 9002280279       | 9002280276         | 90/02/20    | 50-308           | 9003010240       | 9003010016         | 90/02/28    | 40-3392          |
| 9002280280       | 9002280277         | 90/02/15    | 50-368           | 9003010244       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280291       | 9002280277         | 90/02/15    | 50-368           | 9003010248       | 9003010016         | 90/02/28    | 40-3392          |
| 9002280293       | 9002280291         | 90/02/22    | 50-327           | 9003010248       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280295       | 9002280294         | 90/02/07    | 40-8681          | 9003010252       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280297       | 9002280294         | 90/02/07    | 40-8691          | 9003010253       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280300       | 9002280299         | 90/02/18    | PROJ             | 9003010255       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280302       | 9002280301         | 90/02/23    | 70-687           | 9003010257       | 9003010254         | 90/02/23    | 50-254           |
| 9002280303       | 9002280301         | 90/02/23    | 70-687           | 9003010258       | 9003010016         | 90/02/26    | 40-3392          |
| 9002280304       | 9002280301         | 90/02/23    | 70-687           | 9003010283       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010008       | 9002280270         | 90/02/18    | 50-277           | 9003010284       | 9003010262         | 90/02/20    | 50-244           |
| 9003010021       | 9003010016         | 90/02/28    | 40-3392          | 9003010286       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010023       | 9003010016         | 90/02/28    | 40-3392          | 9003010287       | 9003010262         | 90/02/20    | 50-244           |
| 9003010026       | 9003010016         | 90/02/26    | 40-3392          | 9003010288       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010027       | 9003010012         | 90/02/22    | 40-2081          | 9003010272       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010029       | 9003010016         | 90/02/26    | 40-3392          | 9003010273       | 9003010271         | 90/02/20    | 50-255           |
| 9003010031       | 9003010016         | 90/02/26    | 40-3392          | 9003010274       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010037       | 9003010012         | 90/02/22    | 40-2081          | 9003010277       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010041       | 9003010016         | 90/02/26    | 40-3392          | 9003010279       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010045       | 9003010012         | 90/02/22    | 40-2081          | 9003010282       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010048       | 9003010016         | 90/02/26    | 40-3392          | 9003010286       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010049       | 9003010016         | 90/02/26    | 40-3392          | 9003010291       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010050       | 9003010044         | 90/02/15    | 50-313           | 9003010292       | 9003010289         | 90/02/01    | 40-3453          |
| 9003010058       | 9003010016         | 90/02/26    | 40-3392          | 9003010294       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010061       | 9003010016         | 90/02/26    | 40-3392          | 9003010295       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010063       | 9003010059         | 90/02/20    | 40-8926          | 9003010299       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010069       | 9003010062         | 90/01/05    | CONTRACT         | 9003010300       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010070       | 9003010016         | 90/02/26    | 40-3392          | 9003010302       | 9003010299         | 90/02/23    | 50-266           |
| 9003010073       | 9003010065         | 90/02/15    | 50-327           | 9003010303       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010075       | 9003010016         | 90/02/26    | 40-3392          | 9003010305       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010076       | 9003010072         | 90/02/18    | CONTRACT         | 9003010306       | 9003010289         | 90/02/23    | 60-266           |
| 9003010079       | 9003010065         | 90/02/15    | 50-327           | 9003010307       | 9003010299         | 90/02/23    | 50-266           |
| 9003010087       | 9003010016         | 90/02/26    | 40-3392          | 9003010309       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010100       | 9003010016         | 90/02/26    | 40-3392          | 9003010314       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010103       | 9003010016         | 90/02/26    | 40-3392          | 9003010317       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010108       | 9003010010         | 90/02/26    | 40-3392          | 9003010320       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010110       | 9003010107         | 90/02/21    | 50-320           | 9003010322       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010115       | 9003010106         | 90/02/28    | 40-3392          | 9003010324       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010119       | 9003010107         | 90/02/21    | 50-320           | 9003010332       | 9003010316         | 90/02/26    | 40-3392          |
| 9003010123       | 9003010116         | 90/02/18    | 40-6622          | 9003010333       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010124       | 9003010016         | 90/02/26    | 40-3392          | 9003010336       | 9003010016         | 90/02/26    | 40-3392          |
| 9003010129       | 9003010016         | 90/02/28    | 40-3392          | 9003010348       | 9003010343         | 90/02/20    | CONTRACT         |
| 9003010136       | 9003010016         | 90/02/26    | 40-3392          | 9003010358       | 9003010357         | 90/02/14    | 50-317           |
| 9003010140       | 9003010016         | 90/02/26    | 40-3392          | 9003010359       | 9003010354         | 90/02/15    | 50-219           |
| 9003010145       | 9003010016         | 90/02/26    | 40-3392          | 9003010366       | 9003010275         | 90/02/22    | 50-387           |
| 9003010148       | 9003010142         | 90/02/22    | 50-397           | 9003010372       | 9003010362         | 90/02/20    | CONTRACT         |
| 9003010149       | 9003010147         | 90/02/07    | QA999            | 9003010381       | 9003010376         | 90/02/20    | 40-3392          |
| 9003010150       | 9003010142         | 90/02/22    | 50-397           | 9003010388       | 9003010385         | 90/02/20    | CONTRACT         |
| 9003010151       | 9003010016         | 90/02/26    | 40-3392          | 9003010396       | 9003010354         | 90/02/16    | 50-219           |
| 9003010153       | 9003010147         | 90/02/07    | QA999            | 9003010403       | 9003010394         | 90/02/20    | CONTRACT         |
| 9003010157       | 9003010016         | 90/02/26    | 40-3392          | 9003010417       | 9003010414         | 90/02/20    | CONTRACT         |
| 9003010162       | 9003010016         | 90/02/26    | 40-3392          | 9003010418       | 9003010411         | 90/02/20    | CONTRACT         |
| 9003010163       | 9003010316         | 90/02/26    | 40-3392          | 9003010423       | 9003010419         | 90/02/20    | CONTRACT         |
| 9003010168       | 9003010016         | 90/02/26    | 40-3392          | 9003010427       | 9003010426         | 90/02/20    | CONTRACT         |
| 9003010169       | 9003010016         | 90/02/26    | 40-3392          | 9003010429       | 9003010425         | 90/02/07    | PROJ             |
| 9003010178       | 9003010016         | 90/02/26    | 40-3392          | 9003010443       | 9003010434         | 90/02/26    | WASTE MGT        |
| 9003010179       | 9003010016         | 90/02/26    | 40-3392          | 9003010466       | 9003010462         | 90/02/21    | WASTE MGT        |
| 9003010182       | 9003010016         | 90/02/28    | 40-2332          | 9003010475       | 9003010358         | 90/02/15    | 50-285           |
| 9003010183       | 9003010016         | 90/02/28    | 40-3392          | 9003010477       | 9003010471         | 90/02/27    | WASTE MGT        |
| 9003010184       | 9003010175         | 90/02/23    | 50-443           | 9003010479       | 9003010478         | 90/02/21    | 40-8027          |
| 9003010186       | 9003010016         | 90/02/28    | 40-3392          | 9003010482       | 9003010478         | 90/02/21    | 40-8027          |
| 9003010189       | 9003010016         | 90/02/26    | 40-3392          | 9003010491       | 9003010489         | 90/02/15    | 50-331           |
| 9003010190       | 9003010175         | 90/02/23    | 50-443           | 9003010494       | 9003010489         | 90/02/15    | 50-331           |
| 9003010191       | 9003010016         | 90/02/26    | 40-3392          | 9003010501       | 9003010500         | 90/02/06    | 40-4492          |
| 9003010194       | 9003010016         | 90/02/26    | 40-3392          | 9003010503       | 9003010502         | 90/02/21    | 71-352           |
| 9003010197       | 9003010185         | 90/02/21    | 50-440           | 9003010505       | 9003010502         | 90/02/21    | 71-352           |
| 9003010199       | 9003010016         | 90/02/26    | 40-3392          | 9003020002       | 9003020001         | 90/02/23    | 40-8681          |
| 9003010200       | 9003010175         | 90/02/23    | 50-443           | 9003020004       | 9003020003         | 90/02/20    | 50-309           |
| 9003010201       | 9003010316         | 90/02/26    | 40-3392          | 9003020006       | 9003020005         | 90/02/22    | 50-312           |
| 9003010202       | 9003010175         | 90/02/23    | 50-443           | 9003020009       | 9003020008         | 90/02/21    | 50-295           |
| 9003010205       | 9003010016         | 90/02/26    | 40-3392          | 9003020010       | 9003020008         | 90/02/21    | 50-295           |
| 9003010207       | 9003010175         | 90/02/23    | 50-443           | 9003020013       | 9003020012         | 90/02/18    | 60-29            |
| 9003010209       | 9003010016         | 90/02/26    | 40-3392          | 9003020021       | 9003020020         | 90/02/22    | 50-528           |
| 9003010210       | 9003010016         | 90/02/28    | 40-3392          | 9003020022       | 9003020020         | 90/02/22    | 50-528           |
| 9003010213       | 9003010016         | 90/02/26    | 40-3392          | 9003020036       | 9003020032         | 90/02/22    | 60-397           |
| 9003010214       | 9003010016         | 90/02/26    | 40-3392          | 9003020041       | 9003020032         | 90/02/20    | 60-397           |
| 9003010217       | 9003010016         | 90/02/26    | 40-3392          | 9003020049       | 9003020047         | 90/02/14    | 50-352           |
| 9003010218       | 9003010215         | 90/02/18    | 50-483           | 9003020052       | 9003020043         | 90/02/26    | CONTRACT         |

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
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| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 9003020061       | 9003020057         | 90/02/26    | CONTRACT         | 9003050166       | 9003050174         | 90/02/21    | 50-352           |
| 9003020079       | 9003020078         | 90/02/21    | 50-245           | 9003050189       | 9003050176         | 90/03/01    | 50-213           |
| 9003020084       | 9003020083         | 90/02/16    | 50-219           | 9003050191       | 9003050176         | 90/03/01    | 50-213           |
| 9003020105       | 9002230323         | 90/02/14    | 71-8015          | 9003050195       | 9003050176         | 90/03/01    | 50-213           |
| 9003020119       | 9003020117         | 90/02/20    | 50-323           | 9003050199       | 9003050176         | 90/03/01    | 50-213           |
| 9003020122       | 9003020117         | 90/02/20    | 50-323           | 9003050203       | 9003050175         | 90/03/01    | 50-213           |
| 9003020132       | 9003020108         | 90/02/28    | FOIA             | 9003050219       | 9003050213         | 90/02/07    | 50-454           |
| 9003020136       | 9003020134         | 90/02/22    | 70-25            | 9003050225       | 9003050180         | 90/01/30    | 50-297           |
| 9003020141       | 9003020108         | 90/02/28    | FOIA             | 9003050229       | 9003050227         | 90/02/20    | 50-220           |
| 9003020143       | 9003020134         | 90/02/22    | 70-26            | 9003050230       | 9003050236         | 90/02/20    | 50-324           |
| 9003020147       | 9003020108         | 90/02/28    | FOIA             | 9003050241       | 9003050238         | 90/02/20    | 50-324           |
| 9003020163       | 9003020151         | 90/02/09    | 50-315           | 9003050244       | 9003050238         | 90/02/20    | 50-324           |
| 9003020154       | 9003020151         | 90/02/09    | 50-315           | 9003050268       | 9003050266         | 90/02/27    | 50-322           |
| 9003020166       | 9003020165         | 90/02/20    | 50-462           | 9003050269       | 9003050104         | 90/02/21    | 50-416           |
| 9003020167       | 9003020108         | 90/02/28    | FOIA             | 9003050270       | 9003050274         | 90/02/28    | 50-445           |
| 9003020168       | 9003020165         | 90/02/20    | 50-462           | 9003050277       | 9003050274         | 50/02/28    | 50-445           |
| 9003020184       | 9003020181         | 90/02/15    | 50-313           | 9003050278       | 9003050274         | 90/02/28    | 50-445           |
| 9003020185       | 9003020108         | 90/02/28    | FOIA             | 9003050279       | 9003050273         | 90/02/19    | 40-772           |
| 9003020187       | 9003020108         | 90/02/28    | FOIA             | 9003050280       | 9003050273         | 90/02/19    | 40-772           |
| 9003020188       | 9003020108         | 90/02/28    | FOIA             | 9003050282       | 9003050274         | 90/02/28    | 50-445           |
| 9003020206       | 9003020205         | 90/02/22    | 50-206           | 9003050284       | 9003050273         | 90/02/19    | 40-772           |
| 9003020212       | 9003020207         | 90/02/08    | 50-139           | 9003050286       | 9003050274         | 90/02/28    | 50-445           |
| 9003020229       | 9003020108         | 90/02/28    | FOIA             | 9003050289       | 9003050274         | 90/02/28    | 50-445           |
| 9003020239       | 9003020236         | 90/02/08    | 50-139           | 9003050297       | 9003050274         | 90/02/28    | 50-445           |
| 9003020240       | 9003020231         | 90/02/20    | 50-285           | 9003050298       | 9003050291         | 90/02/27    | WASTE MGT        |
| 9003020266       | 9003020262         | 90/02/15    | 50-333           | 9003050309       | 9003050258         | 90/02/28    | 50-302           |
| 9003020269       | 9003020262         | 90/02/15    | 50-333           | 9003050311       | 9003050308         | 90/02/27    | WASTE MGT        |
| 9003020273       | 9003020272         | 90/02/16    | 50-288           | 9003050321       | 9003050318         | 90/02/22    | 71-529           |
| 9003020275       | 9003020272         | 90/02/16    | 50-288           | 9003050337       | 9003050335         | 90/02/22    | 50-346           |
| 9003020276       | 9003020222         | 90/03/02    | 71-114           | 9003050338       | 9003050335         | 90/02/22    | 50-346           |
| 9003020288       | 9003020285         | 90/02/26    | CONTRACT         | 9003050392       | 9003060001         | 90/02/27    | 50-317           |
| 9003020292       | 9003020289         | 90/02/26    | CONTRACT         | 9003060005       | 9003060004         | 90/02/26    | 50-353           |
| 9003020295       | 9003020293         | 90/02/26    | CONTRACT         | 9003060017       | 9003060008         | 90/02/23    | 50-324           |
| 9003020299       | 9003020298         | 90/02/26    | CONTRACT         | 9003060027       | 9003060025         | 90/02/26    | 50-443           |
| 9003020302       | 9003050001         | 90/01/20    | 50-327           | 9003060030       | 9003060029         | 90/02/21    | 50-423           |
| 9003020319       | 9003050015         | 90/02/16    | 50-247           | 9003060031       | 9003060038         | 90/02/21    | 50-423           |
| 9003020321       | 9003050015         | 90/02/16    | 50-247           | 9003060037       | 9003060038         | 90/02/26    | 50-445           |
| 9003020326       | 9003050025         | 90/02/16    | 50-327           | 9003060040       | 9003060041         | 90/01/18    | 60-293           |
| 9003020327       | 9003050025         | 90/02/16    | 50-327           | 9003060045       | 9003060055         | 90/02/21    | 71-6280          |
| 9003020342       | 9003050040         | 90/02/12    | 50-395           | 9003060056       | 9003060067         | 90/03/02    | FOIA             |
| 9003020348       | 9003050045         | 90/02/12    | 50-250           | 9003060071       | 9003060067         | 90/02/26    | 50-338           |
| 9003020350       | 9003050048         | 90/02/23    | 50-54            | 9003060072       | 9003060073         | 90/02/26    | CONTRACT         |
| 9003020358       | 9003050051         | 90/02/28    | 50-443           | 9003060073       | 9003060074         | 90/02/28    | 50-338           |
| 9003020360       | 9003050055         | 90/02/22    | 50-443           | 9003060074       | 9003060081         | 90/01/19    | 50-293           |
| 9003020362       | 9003050057         | 90/02/08    | 50-280           | 9003060097       | 9003060088         | 90/02/18    | 50-456           |
| 9003020365       | 9003050059         | 90/03/01    | FOIA             | 9003060099       | 9003060104         | 90/02/27    | 70-0             |
| 9003020368       | 9003050051         | 90/02/28    | 50-443           | 9003060106       | 9003060120         | 90/02/18    | 50-213           |
| 9003020375       | 9003050071         | 90/02/21    | 50-423           | 9003060127       | 9003060134         | 90/02/13    | 50-263           |
| 9003020377       | 9003050071         | 90/02/21    | 50-423           | 9003060134       | 9003060139         | 90/02/26    | 50-389           |
| 9003020379       | 9003050071         | 90/02/21    | 50-423           | 9003060141       | 9003060145         | 90/02/16    | 50-280           |
| 9003020380       | 9003050078         | 90/02/22    | 50-244           | 9003060153       | 9003060150         | 90/02/21    | 71-8055          |
| 9003020383       | 9003050078         | 90/02/22    | 50-244           | 9003060155       | 9003060162         | 90/02/28    | 50-400           |
| 9003020389       | 9003050088         | 90/02/13    | 50-312           | 9003060157       | 9003060162         | 90/02/28    | 50-400           |
| 9003020392       | 9003050085         | 90/02/20    | CONTRACT         | 9003060165       | 9003060158         | 90/02/18    | 50-18            |
| 9003020393       | 9003050089         | 90/02/13    | 50-348           | 9003060168       | 9003060162         | 90/02/20    | 60-352           |
| 9003020396       | 9003050098         | 90/03/01    | FOIA             | 9003060167       | 9003060161         | 89/12/21    | CONTRACT         |
| 9003020403       | 9003050098         | 90/03/01    | FOIA             | 9003060168       | 9003060142         | 90/01/23    | CONTRACT         |
| 9003020405       | 9003050098         | 90/03/01    | FOIA             | 9003060186       | 9003060183         | 90/02/08    | 50-237           |
| 9003020406       | 9003050098         | 90/03/01    | FOIA             | 9003060187       | 9003060183         | 90/02/08    | 50-237           |
| 9003020407       | 9003050098         | 90/03/01    | FOIA             | 9003060193       | 9003060192         | 90/02/26    | 50-498           |
| 9003020408       | 9003050098         | 90/03/01    | FOIA             | 9003060201       | 9003060201         | 90/02/26    | 50-424           |
| 9003020410       | 9003050098         | 90/03/01    | FOIA             | 9003060207       | 9002270243         | 90/02/22    | 50-170           |
| 9003020411       | 9003050109         | 90/01/25    | 40-8102          | 9003060210       | 9003060206         | 90/03/05    | 70-33            |
| 9003020415       | 9003050098         | 90/03/01    | FOIA             | 9003060212       | 9002270243         | 90/02/22    | 50-170           |
| 9003020416       | 9003050098         | 90/03/01    | FOIA             | 9003060213       | 9003060206         | 80/03/05    | 70-33            |
| 9003020419       | 9003050118         | 90/02/20    | 50-424           | 9003060215       | 9003060206         | 90/03/05    | 70-33            |
| 9003020421       | 9003050098         | 90/02/27    | 50-443           | 9003060216       | 9002270243         | 90/02/22    | 50-170           |
| 9003020422       | 9003050098         | 90/03/01    | FOIA             | 9003060223       | 9003060161         | 89/12/21    | CONTRACT         |
| 9003020424       | 9003050098         | 90/03/01    | FOIA             | 9003060225       | 9003060161         | 89/12/21    | CONTRACT         |
| 9003020425       | 9003050120         | 90/02/07    | 50-275           | 9003060228       | 9003060161         | 89/12/21    | CONTRACT         |
| 9003020427       | 9003050108         | 90/03/01    | FOIA             | 9003060235       | 9003060232         | 90/02/22    | 50-320           |
| 9003020428       | 9003050120         | 90/02/07    | 50-276           | 9003060238       | 9003060236         | 90/02/22    | 50-483           |
| 9003020431       | 9003050098         | 90/03/01    | FOIA             | 9003060239       | 9003060236         | 90/02/22    | 50-483           |
| 9003020432       | 9003050129         | 90/02/13    | 70-143           | 9003060241       | 9003060236         | 90/02/22    | 50-483           |
| 9003020433       | 9003050130         | 90/02/22    | 60-300           | 9003060243       | 9003060240         | 90/02/21    | ORG              |
| 9003020434       | 9003050098         | 90/03/01    | 60-327           | 9003060246       | 9003060240         | 90/02/28    | 50-423           |
| 9003020437       | 9003050098         | 90/03/01    | 60-327           | 9003060246       | 9003060120         | 90/02/18    | 60-213           |
| 9003020439       | 9003050138         | 90/02/23    | 50-272           | 9003060246       | 9003060242         | 90/02/26    | 50-423           |
| 9003020452       | 9003050151         | 90/02/14    | 50-261           | 9003060260       | 9003060240         | 90/02/21    | ORG              |
| 9003020461       | 9003050158         | 90/02/28    | FOIA             | 9003060261       | 9003060264         | 90/03/03    | 71-5938          |
| 9003020465       | 9003050164         | 90/02/28    | 50-316           | 9003060265       | 9003060263         | 90/03/01    | 27-47            |
| 9003020470       | 9003050168         | 90/02/21    | 50-268           | 9003060267       | 9003060263         | 90/03/01    | 27-47            |
| 9003020478       | 9003050175         | 90/03/01    | 50-213           | 9003060268       | 9003060263         | 90/03/01    | 27-47            |
| 9003020479       | 9003050175         | 90/03/01    | 50-213           | 9003060270       | 9003060263         | 90/03/01    | 27-47            |
| 9003020482       | 9003050176         | 90/03/01    | 50-213           | 9003060271       | 9003060263         | 90/03/01    | 27-47            |
| 9003020484       | 9003050176         | 90/03/01    | 50-213           | 9003060272       | 9003060263         | 90/03/01    | 27-47            |

| ACCESSION NUMBER |                    |             |                  |   | ACCESSION NUMBER |                    |             |                  |  |
|------------------|--------------------|-------------|------------------|---|------------------|--------------------|-------------|------------------|--|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |  |
| 9003060275       | 9003060263         | 90/03/01    | 27-47            |   | 9003080323       | 9003080322         | 90/02/12    | 50-528           |  |
| 9003060289       | 9003060286         | 90/02/20    | 50-344           | Q | 9003080326       | 9003080324         | 90/02/27    | 60-244           |  |
| 9003060291       | 9003060288         | 90/02/20    | 50-344           | Q | 9003080327       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003060323       | 9003060322         | 90/02/13    | 50-302           | P | 9003080328       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070013       | 9003070011         | 90/02/16    | 50-528           | Q | 9003080329       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070014       | 9003070011         | 90/02/16    | 50-528           | Q | 9003080330       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070017       | 9003070016         | 90/02/23    | 50-254           | V | 9003080332       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070023       | 9003070019         | 90/02/28    | 50-333           | P | 9003080333       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070025       | 9003070021         | 90/02/08    | CONTRACT         |   | 9003080334       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070026       | 9003070019         | 90/02/28    | 50-333           | P | 9003080335       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070027       | 9003070034         | 88/09/18    | ACRS             |   | 9003080336       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070030       | 9003070028         | 90/01/31    | CONTRACT         |   | 9003080337       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070050       | 9003070047         | 90/02/28    | 50-338           | P | 9003080340       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070051       | 9003070047         | 90/02/28    | 50-338           | P | 9003080341       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070056       | 9003070053         | 90/03/01    | 50-249           | P | 9003080346       | 9003080344         | 90/02/21    | 50-390           |  |
| 9003070070       | 9003070069         | 90/02/15    | 50-341           | R | 9003080349       | 9003080344         | 90/02/21    | 50-390           |  |
| 9003070072       | 9003070041         | 90/02/27    | COMMISS'O        |   | 9003080354       | 9003080352         | 90/02/23    | 50-289           |  |
| 9003070073       | 9003070069         | 90/02/15    | 50-341           | R | 9003080369       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070077       | 9003070075         | 90/02/22    | 50-461           | P | 9003080371       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070078       | 9003070075         | 90/02/22    | 50-461           | P | 9003080374       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070089       | 9003070088         | 90/02/23    | 50-352           | P | 9003080375       | 9003080372         | 90/02/26    | 50-400           |  |
| 9003070112       | 9003070107         | 90/02/28    | 50-261           | R | 9003080376       | 9003080324         | 90/02/27    | 50-244           |  |
| 9003070149       | 9003070147         | 90/02/26    | 71-8027          |   | 9003080387       | 9003080386         | 90/02/27    | 50-206           |  |
| 9003070154       | 9003070107         | 90/02/28    | 50-261           | R | 9003080390       | 9003080385         | 90/02/23    | 50-348           |  |
| 9003070156       | 9003070151         | 90/03/06    | 50-261           | P | 9003080393       | 9003080389         | 90/02/26    | 50-77            |  |
| 9003070157       | 9003070107         | 90/02/28    | 50-261           | R | 9003080401       | 9003080389         | 90/03/02    | CONTRACT         |  |
| 9003070192       | 9003070191         | 90/02/27    | WASTE MGT        |   | 9003080408       | 9003080403         | 90/02/28    | 50-285           |  |
| 9003070204       | 9003070191         | 90/02/27    | WASTE MGT        |   | 9003080411       | 9003080406         | 90/02/23    | 50-219           |  |
| 9003070209       | 9003070204         | 90/02/20    | 50-424           | P | 9003080415       | 9003080406         | 90/02/23    | 50-219           |  |
| 9003070211       | 9003070207         | 90/02/22    | 50-445           | Q | 9003080422       | 9003080417         | 90/03/02    | 50-440           |  |
| 9003070212       | 9003070204         | 90/02/20    | 50-424           | P | 9003080425       | 9003080420         | 90/02/28    | 50-324           |  |
| 9003070282       | 9003070277         | 90/02/28    | 50-443           | U | 9003080427       | 9003080424         | 90/03/02    | 50-348           |  |
| 9003070288       | 9003070285         | 90/03/06    | WASTE MGT        |   | 9003080440       | 9003080435         | 90/02/23    | 50-324           |  |
| 9003070293       | 9003070285         | 90/03/06    | WASTE MGT        |   | 9003080445       | 9003080443         | 90/03/02    | CONTRACT         |  |
| 9003070295       | 9003070290         | 90/02/26    | 50-387           | Q | 9003080453       | 9003080450         | 90/02/12    | 50-335           |  |
| 9003070313       | 9003070309         | 90/02/16    | 50-312           | Q | 9003080459       | 9003080449         | 90/02/28    | 50-263           |  |
| 9003070323       | 9003070316         | 90/02/27    | 50-245           | Q | 9003080466       | 9003080458         | 90/02/20    | XPORTRIC         |  |
| 9003070324       | 9003070320         | 90/02/15    | 50-275           | Q | 9003080479       | 9003080478         | 90/02/16    | 50-206           |  |
| 9003070326       | 9003070325         | 90/02/15    | 50-324           | P | 9003080481       | 9003080478         | 90/02/16    | 50-206           |  |
| 9003070333       | 9003070328         | 89/12/20    | 50-334           | R | 9003080504       | 9003080503         | 90/02/23    | 50-324           |  |
| 9003070335       | 9003070325         | 90/02/15    | 50-324           | P | 9003080603       | 9003080381         | 90/03/01    | 50-341           |  |
| 9003070348       | 9003070344         | 90/02/26    | 50-352           | Q | 9003080605       | 9003080381         | 90/03/01    | 50-341           |  |
| 9003070351       | 9003070340         | 90/03/06    | WASTE MGT        |   | 9003080611       | 9003080606         | 90/02/20    | 50-412           |  |
| 9003070360       | 9003070349         | 90/03/06    | WASTE MGT        |   | 9003080612       | 9003080608         | 90/02/20    | 50-412           |  |
| 9003070362       | 9003070349         | 90/03/06    | WASTE MGT        |   | 9003080617       | 9003080616         | 90/02/20    | CONTRACT         |  |
| 9003070365       | 9003070363         | 90/02/26    | 50-338           | Q | 9003080634       | 9003080628         | 90/02/20    | CONTRACT         |  |
| 9003070368       | 9003070358         | 90/02/26    | 50-334           | Q | 9003080636       | 9003080630         | 90/03/01    | 50-213           |  |
| 9003070379       | 9003070373         | 90/02/22    | 50-272           | P | 9003080648       | 9003080645         | 90/02/23    | 50-322           |  |
| 9003070381       | 9003070373         | 90/02/22    | 50-272           | P | 9003080649       | 9003080643         | 90/02/22    | 60-387           |  |
| 9003080033       | 9003080031         | 90/02/21    | 50-352           | Q | 9003080652       | 9003080643         | 90/02/23    | 50-482           |  |
| 9003080080       | 9003080078         | 89/08/11    | 50-344           | F | 9003080653       | 9003080645         | 90/02/23    | 50-322           |  |
| 9003080114       | 9003080103         | 90/02/22    | PROJ             |   | 9003080666       | 9003080661         | 90/02/23    | 50-208           |  |
| 9003080141       | 9003080135         | 90/02/21    | 50-295           | R | 9003080676       | 9003080423         | 90/02/23    | 50-482           |  |
| 9003080161       | 9003080449         | 90/02/28    | 50-263           | R | 9003080679       | 9003080674         | 90/02/26    | 50-373           |  |
| 9003080163       | 9003080156         | 90/02/14    | 50-275           | Q | 9003080688       | 9003080686         | 90/02/22    | 60-272           |  |
| 9003080165       | 9003080162         | 90/03/01    | 50-249           | P | 9003080698       | 9003080687         | 90/02/21    | CONTRACT         |  |
| 9003080169       | 9003080162         | 90/03/01    | 50-249           | P | 9003080699       | 9003080686         | 90/02/22    | 50-237           |  |
| 9003080171       | 9003080164         | 90/02/28    | 71-85            |   | 9003080701       | 9003080686         | 90/02/22    | 50-237           |  |
| 9003080176       | 9003080170         | 90/02/26    | 50-277           | P | 9003080703       | 9003080685         | 90/02/26    | 50-220           |  |
| 9003080182       | 9003080063         | 90/02/28    | 50-331           | R | 9003080705       | 9003080685         | 90/02/26    | 50-220           |  |
| 9003080196       | 9003080192         | 90/02/28    | 50-280           | P | 9003080716       | 9003080713         | 90/02/26    | 50-277           |  |
| 9003080221       | 9003080216         | 90/02/28    | 71-524           |   | 9003080718       | 9003080710         | 90/02/16    | 50-352           |  |
| 9003080222       | 9003080203         | 90/02/27    | 50-397           | P | 9003080719       | 9003080713         | 90/02/26    | 60-277           |  |
| 9003080223       | 9003080211         | 90/02/12    | 60-344           | Q | 9003080724       | 9003080263         | 90/02/21    | 50-344           |  |
| 9003080227       | 9003080203         | 90/02/27    | 50-397           | P | 9003080736       | 9003080735         | 90/02/28    | 60-317           |  |
| 9003080236       | 9003080203         | 90/02/27    | 50-397           | P | 9003080737       | 9003080735         | 90/02/28    | 50-317           |  |
| 9003080239       | 9003080231         | 90/02/26    | CONTRACT         |   | 9003080753       | 9003080744         | 90/02/20    | CONTRACT         |  |
| 9003080240       | 9003080203         | 90/02/27    | 50-397           | P | 9003080757       | 9003080742         | 90/02/27    | 50-295           |  |
| 9003080241       | 9003080191         | 90/02/26    | 50-219           | P | 9003080765       | 9003080742         | 90/02/27    | 50-295           |  |
| 9003080246       | 9003080246         | 90/03/01    | 60-327           | R | 9003080773       | 9003080770         | 90/02/23    | 50-320           |  |
| 9003080252       | 9003080245         | 90/03/01    | 50-327           | R | 9003080774       | 9003080768         | 90/02/23    | 50-277           |  |
| 9003080258       | 9003080254         | 90/03/02    | CONTRACT         |   | 9003080777       | 9003080770         | 90/02/23    | 50-320           |  |
| 9003080266       | 9003080262         | 90/02/28    | 50-243           | R | 9003080788       | 9003080772         | 90/02/16    | 50-315           |  |
| 9003080269       | 9003080263         | 90/03/05    | PR               |   | 9003080781       | 9003080768         | 90/02/23    | 50-277           |  |
| 9003080273       | 9003080271         | 90/02/08    | 50-382           | F | 9003080783       | 9003080772         | 90/02/16    | 50-315           |  |
| 9003080276       | 9003080263         | 90/03/05    | PR               |   | 9003080784       | 9003080772         | 90/02/16    | 50-315           |  |
| 9003080281       | 9003080260         | 90/03/01    | 50-333           | Q | 9003080786       | 9003080772         | 90/02/16    | 50-315           |  |
| 9003080282       | 9003080264         | 90/02/20    | 50-361           | P | 9003080789       | 9003080762         | 90/02/26    | CONTRACT         |  |
| 9003080283       | 9003080278         | 90/03/02    | 71-895           |   | 9003080791       | 9003080764         | 90/02/28    | 50-287           |  |
| 9003080286       | 9003080275         | 90/02/28    | 71-79            |   | 9003080797       | 9003080764         | 90/03/01    | 60-327           |  |
| 9003080289       | 9003080267         | 90/02/21    | 50-128           | Q | 9003080811       | 9003080805         | 90/03/01    | 50-324           |  |
| 9003080302       | 9003080294         | 80/03/02    | 50-323           | Q | 9003080814       | 9003080802         | 90/02/28    | 50-498           |  |
| 9003080309       | 9003080305         | 90/02/28    | 50-352           | R | 9003080822       | 9003080820         | 90/02/27    | 50-344           |  |
| 9003080315       | 9003080312         | 90/02/28    | 50-220           | H | 9003080825       | 9003080820         | 90/02/27    | 50-344           |  |
| 9003080317       | 9003080316         | 90/02/28    | 60-331           | P | 9003080828       | 9003080821         | 90/02/28    | 50-282           |  |
| 9003080318       | 9003080313         | 90/02/21    | 50-315           | Q | 9003080827       | 9003080821         | 90/02/28    | 50-282           |  |
| 9003080321       | 9003080320         | 90/03/02    | 50-482           | P | 9003080828       | 9003080820         | 90/02/28    | 60-498           |  |



| ACCESSION NUMBER |                    |             |                  |           | ACCESSION NUMBER   |             |                  |          |   |
|------------------|--------------------|-------------|------------------|-----------|--------------------|-------------|------------------|----------|---|
| SURE             | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |          |   |
| 0230             | 9003090221         | 90/02/26    | 50-282           | R         | 9003390486         | 9003390471  | 90/02/20         | 50-237   | R |
| 0234             | 9003090216         | 90/02/26    | 50-397           | R         | 9003090467         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0235             | 9003060012         | 90/02/23    | 50-272           | P         | 9003090468         | 9003390471  | 90/02/20         | 50-237   | R |
| 0244             | 9003090238         | 90/02/16    | CONTRACT         |           | 9003090469         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0245             | 9003090218         | 90/02/26    | 50-397           | R         | 9003390480         | 9003090471  | 90/02/20         | 50-237   | R |
| 0252             | 9003090247         | 90/02/28    | 50-219           | S         | 9003090491         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0253             | 9003090249         | 90/03/01    | 50-261           | O         | 9003090493         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0261             | 9003090258         | 90/02/28    | 50-275           | P         | 9003090495         | 9003390463  | 90/02/27         | 40-2061  |   |
| 0262             | 9003090258         | 90/02/28    | 50-275           | P         | 9003090496         | 9003390324  | 90/02/26         | 50-3     | H |
| 0270             | 9003090265         | 90/02/26    | 50-160           | V         | 9003090497         | 9003390463  | 90/02/27         | 40-2061  |   |
| 0284             | 9003090277         | 90/02/02    | 50-395           | V         | 9003090499         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0297             | 9003090295         | 90/03/01    | 50-163           | R         | 9003090502         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0301             | 9003090265         | 90/02/26    | 50-160           | V         | 9003090503         | 9003090324  | 90/02/26         | 50-3     | H |
| 0303             | 9003090300         | 90/02/14    | 50-275           | F         | 9003090504         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0315             | 9003090310         | 90/02/22    | 50-302           | O         | 9003090507         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0326             | 9003090316         | 90/02/26    | 50-245           | O         | 9003090508         | 9003090324  | 90/02/26         | 50-322   | U |
| 0331             | 9003090328         | 90/02/28    | 50-368           | R         | 9003090510         | 9003390463  | 90/02/27         | 40-2061  |   |
| 0332             | 9003090328         | 90/02/28    | 50-368           | R         | 9003090513         | 9003390463  | 90/02/27         | 40-2061  |   |
| 0333             | 9003090320         | 90/03/07    | FOIA             |           | 9003090515         | 9003090511  | 90/02/28         | 50-324   | P |
| 0336             | 9003090335         | 90/02/21    | 50-482           | P         | 9003090519         | 9003090518  | 90/02/28         | 50-324   | P |
| 0337             | 9003090320         | 90/03/07    | FOIA             |           | 9003090523         | 9003090522  | 90/02/28         | 50-443   | P |
| 0338             | 9003090335         | 90/02/21    | 50-482           | P         | 9003090524         | 9003090521  | 90/02/23         | 50-269   | T |
| 0339             | 9003090328         | 90/02/28    | 50-368           | R         | 9003120027         | 9003120021  | 90/03/01         | 50-362   | R |
| 0340             | 9003090328         | 90/02/28    | 50-368           | R         | 9003120029         | 9003120021  | 90/03/01         | 50-362   | R |
| 0344             | 9003090324         | 90/02/26    | 50-3             | U         | 9003120039         | 9003120034  | 90/02/23         | 50-365   | P |
| 0345             | 9003090320         | 90/03/07    | FOIA             |           | 9003120042         | 9003120034  | 90/02/23         | 50-365   | P |
| 0346             | 9003090328         | 90/02/28    | 50-368           | R         | 9003120045         | 9003120043  | 90/02/22         | 50-346   | O |
| 0347             | 9003090276         | 90/02/28    | 50-285           | R         | 9003120057         | 9003120054  | 90/02/16         | 50-324   | Q |
| 0348             | 9003090328         | 90/02/28    | 50-368           | R         | 9003120071         | 9003120067  | 90/03/02         | 50-184   | F |
| 0349             | 9003090320         | 90/03/07    | FOIA             |           | 9003120073         | 9003120065  | 90/02/20         | CONTRACT |   |
| 0350             | 9003090328         | 90/02/28    | 50-368           | R         | 9003120080         | 9003120081  | 90/02/20         | CONTRACT |   |
| 0351             | 9003090328         | 90/02/28    | 50-368           | R         | 9003120098         | 9003090324  | 90/02/26         | 60-333   | U |
| 0352             | 9003090320         | 90/03/07    | FOIA             |           | 9003120104         | 9003090324  | 90/02/26         | 50-3     | U |
| 0353             | 9003090320         | 90/03/07    | FOIA             |           | 9003120124         | 9003120119  | 90/02/23         | 50-237   | Q |
| 0355             | 9003090320         | 90/03/07    | FOIA             |           | 9003120136         | 9003090324  | 90/02/26         | FOIA     |   |
| 0356             | 9003090324         | 90/02/26    | 50-247           | U         | 9003120140         | 9003090324  | 90/02/26         | 50-322   | U |
| 0357             | 9003090320         | 90/03/07    | FOIA             |           | 9003120143         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0360             | 9003090320         | 90/03/07    | FOIA             |           | 9003120162         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0363             | 9003090324         | 90/02/26    | FOIA             |           | 9003120163         | 9003090324  | 90/02/26         | 60-247   | U |
| 0365             | 9003090320         | 90/03/07    | FOIA             |           | 9003120165         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0368             | 9003090324         | 90/02/26    | FOIA             |           | 9003120166         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0369             | 9003090320         | 90/03/07    | FOIA             |           | 9003120163         | 9003090014  | 90/03/02         | 50-271   | P |
| 0371             | 9003090370         | 90/02/27    | 50-361           | P         | 9003120166         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0372             | 9003090320         | 90/03/07    | FOIA             |           | 9003120167         | 9003090324  | 90/02/26         | 50-410   | U |
| 0373             | 9003090370         | 90/02/27    | 50-361           | P         | 9003120176         | 9003120168  | 90/03/08         | PR       |   |
| 0374             | 9003090320         | 90/03/07    | FOIA             |           | 9003120177         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0376             | 9003090324         | 90/02/26    | 50-220           | U         | 9003120176         | 9003120176  | 90/02/20         | CONTRACT |   |
| 0360             | 9003090320         | 90/03/07    | FOIA             |           | 9003120187         | 9003090324  | 90/02/28         | 50-335   | U |
| 0381             | 9003090378         | 90/03/01    | 50-80            | R         | 9003120192         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0362             | 9003090378         | 90/02/22    | TOPREP           |           | 9003120196         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0363             | 9003090320         | 90/03/07    | FOIA             |           | 9003120198         | 9003090324  | 90/02/26         | FOIA     |   |
| 0385             | 9003090378         | 90/02/22    | TOPREP           |           | 9003120199         | 9003120194  | 90/02/20         | CONTRACT |   |
| 0386             | 9003090324         | 90/02/26    | 50-3             | U         | 9003120203         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0387             | 9003090320         | 90/03/07    | FOIA             |           | 9003120206         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0389             | 9003090320         | 90/03/07    | FOIA             |           | 9003120208         | 9003090362  | 90/02/26         | 50-331   | P |
| 0390             | 9003090378         | 90/02/22    | TOPREP           |           | 9003120210         | 9003090324  | 90/02/26         | FOIA     |   |
| 0392             | 9003090378         | 90/02/22    | TOPREP           |           | 9003120215         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0394             | 9003090320         | 90/03/07    | FOIA             |           | 9003120219         | 9003120194  | 90/02/26         | 50-368   | P |
| 0395             | 9003090324         | 90/02/26    | FOIA             |           | 9003120221         | 9003090324  | 90/02/26         | FOIA     |   |
| 0396             | 9003090378         | 90/02/22    | TOPREP           |           | 9003120222         | 9003120166  | 90/03/08         | PR       |   |
| 0397             | 9003090378         | 90/02/22    | TOPREP           |           | 9003120225         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0398             | 9003090324         | 90/02/26    | FOIA             |           | 9003120230         | 9003090324  | 90/02/26         | FOIA     |   |
| 0400             | 9003090320         | 90/03/07    | FOIA             |           | 9003120231         | 9003120166  | 90/03/08         | PR       |   |
| 0401             | 9003090398         | 90/02/14    | 50-260           | Q         | 9003120236         | 9003090324  | 90/02/26         | FOIA     |   |
| 0402             | 9003090320         | 90/03/07    | FOIA             |           | 9003120241         | 9003120236  | 90/02/27         | 50-237   | Q |
| 0403             | 9003090324         | 90/02/26    | 50-3             | H         | 9003120246         | 9003090324  | 90/02/26         | 50-333   | U |
| 0404             | 9003090398         | 90/02/14    | 50-250           | O         | 9003120253         | 9003090324  | 90/02/26         | 50-276   | H |
| 0408             | 9003090324         | 90/02/26    | 60-322           | U         | 9003120256         | 9003090324  | 90/02/26         | 50-3     | U |
| 0411             | 9003090409         | 90/02/21    | 60-389           | Q         | 9003120266         | 9003120257  | 90/02/23         | 50-305   | O |
| 0420             | 9003090324         | 90/02/26    | FOIA             |           | 9003120268         | 9003090324  | 90/02/26         | 50-276   | H |
| 0423             | 9003090324         | 90/02/26    | 50-322           | H         | 9003120271         | 9003120166  | 90/03/08         | PR       |   |
| 0424             | 9003090421         | 90/03/06    | NUREG            |           | 9003120276         | 9003090324  | 90/02/26         | 50-3     | U |
| 0453             | 9003090448         | 90/02/20    | 60-424           | P         | 9003120277         | 9003120273  | 90/02/28         | CONTRACT |   |
| 0455             | 9003090464         | 90/02/27    | 60-302           | R         | 9003120283         | 9003090324  | 90/02/26         | 50-3     | U |
| 0456             | 9003090324         | 90/02/26    | FOIA             |           | 9003120284         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0457             | 9003090320         | 90/03/07    | FOIA             |           | 9003120285         | 9003120275  | 90/02/27         | 50-237   | O |
| 0458             | 9003090450         | 90/02/27    | 60-302           | R         | 9003120291         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0459             | 9003090448         | 90/02/20    | 60-424           | P         | 9003120294         | 9003120288  | 90/02/23         | CONTRACT |   |
| 0461             | 9003090320         | 90/03/07    | FOIA             |           | 9003120300         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0466             | 9003090320         | 90/03/07    | FOIA             |           | 9003120304         | 9003120299  | 90/03/06         | CONTRACT |   |
| 0469             | 9003090324         | 90/02/26    | 50-3             | H         | 9003120306         | 9003120166  | 90/03/08         | PR       |   |
| 0473             | 9003090324         | 90/02/26    | 50-3             | H         | 9003120311         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0477             | 9003090471         | 90/02/20    | 60-237           | R         | 9003120318         | 9003090324  | 90/02/26         | FOIA     |   |
| 0480             | 9003090476         | 90/03/02    | 60-395           | F         | 9003120322         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0481             | 9003060316         | 90/02/15    | 71-6717          |           | 9003120327         | 9003090463  | 90/02/27         | 40-2061  |   |
| 0483             | 9003090471         | 90/02/20    | 50-237           | R         | 9003120330         | 9003120324  | 90/03/01         | 50-320   | R |
| 0484             | 9003090471         | 90/02/20    | 50-237           | R         | 9003120333         | 9003120324  | 90/03/01         | 50-320   | R |

|            |            |          |          |   |            |            |          |          |
|------------|------------|----------|----------|---|------------|------------|----------|----------|
| 9003120337 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120589 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120339 | 9003120158 | 90/03/08 | PR       |   | 9003120605 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120344 | 9003090324 | 90/02/26 | 50-244   | U | 9003120608 | 9003120603 | 90/02/22 | 50-458   |
| 9003120351 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120608 | 9003090324 | 90/02/28 | 50-410   |
| 9003120355 | 9003090324 | 90/02/26 | FOIA     |   | 9003120612 | 9003120603 | 90/02/22 | 50-458   |
| 9003120360 | 9003120158 | 90/03/08 | PR       |   | 9003120616 | 9003090324 | 90/02/26 | FOIA     |
| 9003120363 | 9003090324 | 90/02/27 | 50-322   | H | 9003120617 | 9003120610 | 90/02/27 | 50-458   |
| 9003120364 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120628 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120369 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120632 | 9003090324 | 90/02/26 | 50-3     |
| 9003120372 | 9003090324 | 90/02/26 | 50-322   | U | 9003120638 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120389 | 9003090324 | 90/02/26 | FOIA     |   | 9003120637 | 9003090324 | 90/02/26 | 50-410   |
| 9003120390 | 9003120158 | 90/03/08 | PR       |   | 9003120638 | 9003120633 | 90/02/22 | 50-89    |
| 9003120393 | 9003090324 | 90/02/26 | FOIA     |   | 9003120641 | 9003120633 | 90/02/22 | 50-89    |
| 9003120403 | 9003090324 | 90/02/26 | 50-322   | H | 9003120644 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120408 | 9003120401 | 90/03/01 | 50-424   | P | 9003120645 | 9003060116 | 90/02/28 | 71-6346  |
| 9003120411 | 9003120406 | 90/03/08 | CONTRACT |   | 9003120646 | 9003090324 | 90/02/26 | 50-247   |
| 9003120412 | 9003090324 | 90/02/26 | FOIA     |   | 9003120653 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120419 | 9003090324 | 90/02/26 | 50-3     | U | 9003120654 | 9003090324 | 90/02/26 | 50-322   |
| 9003120421 | 9003120416 | 90/03/02 | CONTRACT |   | 9003120656 | 9003090324 | 90/02/26 | 50-247   |
| 9003120425 | 9003120166 | 90/03/08 | PR       |   | 9003120659 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120429 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120667 | 9003090324 | 90/02/26 | 50-410   |
| 9003120431 | 9003080324 | 90/02/26 | FOIA     |   | 9003120668 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120435 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120669 | 9003120682 | 90/03/02 | 50-220   |
| 9003120438 | 9003120430 | 90/02/23 | CONTRACT |   | 9003120671 | 9003120670 | 90/03/02 | CONTRACT |
| 9003120440 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120674 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120441 | 9003080324 | 90/02/26 | 50-244   | U | 9003120676 | 9003120682 | 90/03/02 | 50-220   |
| 9003120442 | 9003120158 | 90/03/08 | PR       |   | 9003120680 | 9003090324 | 90/02/26 | 50-322   |
| 9003120446 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120682 | 9003120670 | 90/03/02 | CONTRACT |
| 9003120449 | 9003120449 | 90/02/23 | 50-454   | Q | 9003120687 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120455 | 9003080324 | 90/02/26 | 50-244   | U | 9003120689 | 9003090324 | 90/02/26 | 50-322   |
| 9003120457 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120690 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120460 | 9003120158 | 90/03/08 | PR       |   | 9003120691 | 9003120688 | 90/03/02 | CONTRACT |
| 9003120465 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120693 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120467 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120697 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120472 | 9003120158 | 90/03/08 | PR       |   | 9003120699 | 9003090324 | 90/02/26 | 50-220   |
| 9003120473 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120707 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120476 | 9003080324 | 90/02/26 | 50-247   | U | 9003120708 | 9003090324 | 90/02/26 | 50-3     |
| 9003120478 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120714 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120480 | 9003080324 | 90/02/26 | 50-3     | H | 9003120715 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120484 | 9003090324 | 90/02/26 | 50-3     | U | 9003120716 | 9003090324 | 90/02/26 | 50-244   |
| 9003120489 | 9003090324 | 90/02/26 | 50-3     | U | 9003120728 | 9003090324 | 90/02/26 | 50-244   |
| 9003120495 | 9003090324 | 90/02/26 | 50-3     | U | 9003120729 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120497 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120732 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120499 | 9003080324 | 90/02/26 | 50-3     | H | 9003120734 | 9003090324 | 90/02/26 | 50-3     |
| 9003120500 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120740 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120502 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120746 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120505 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120748 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120506 | 9003120503 | 90/02/28 | 50-247   | V | 9003120749 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120508 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120752 | 9003120747 | 90/03/09 | 50-325   |
| 9003120509 | 9003090324 | 90/02/26 | 50-244   | U | 9003120754 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120512 | 9003120507 | 90/03/02 | CONTRACT |   | 9003120755 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120513 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120759 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120516 | 9003090324 | 90/02/26 | 50-247   | U | 9003120763 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120517 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120787 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120522 | 9003090324 | 90/02/26 | 50-3     | U | 9003120779 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120624 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120780 | 9003120773 | 90/02/21 | 50-382   |
| 9003120627 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120781 | 9003120776 | 90/02/01 | 50-327   |
| 9003120628 | 9003120520 | 90/03/08 | CONTRACT |   | 9003120782 | 9003120773 | 90/02/01 | 50-382   |
| 9003120630 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120784 | 9003120776 | 90/03/01 | 50-327   |
| 9003120633 | 9003080463 | 90/02/27 | 40-2061  |   | 9003120789 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120635 | 9003090324 | 90/02/26 | 50-3     | U | 9003120787 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120641 | 9003080324 | 90/02/26 | 50-3     | U | 9003120798 | 9003120782 | 90/03/06 | CONTRACT |
| 9003120646 | 9003090324 | 90/02/28 | FOIA     |   | 9003120800 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120648 | 9003080324 | 90/02/26 | FOIA     |   | 9003130018 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120654 | 9003120550 | 90/02/28 | 50-220   | Q | 9003130024 | 9003130021 | 90/03/02 | 50-259   |
| 9003120655 | 9003090324 | 90/02/26 | 50-3     | U | 9003130025 | 9003120756 | 90/03/08 | 70-1201  |
| 9003120657 | 9003080324 | 90/02/26 | 50-3     | U | 9003130027 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120661 | 9003120559 | 90/02/27 | 50-334   | Q | 9003130038 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120663 | 9003080324 | 90/02/26 | 50-3     | U | 9003130041 | 9003130038 | 90/03/01 | 50-293   |
| 9003120664 | 9003080463 | 90/02/27 | 40-2061  |   | 9003130043 | 9003130034 | 90/02/26 | 60-313   |
| 9003120668 | 9003080463 | 90/02/27 | 40-2061  |   | 9003130046 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120670 | 9003090324 | 90/02/26 | 50-244   | U | 9003130058 | 9003130054 | 90/02/23 | 50-220   |
| 9003120671 | 9003080463 | 90/02/27 | 40-2061  |   | 9003130064 | 9003090324 | 90/02/26 | 50-322   |
| 9003120673 | 9003120667 | 90/02/27 | 50-317   | Q | 9003130070 | 9003080463 | 90/02/27 | 70-925   |
| 9003120675 | 9003080463 | 90/02/27 | 40-2061  |   | 9003130072 | 9003090324 | 90/02/26 | 50-244   |
| 9003120677 | 9003090324 | 90/02/26 | 50-3     | U | 9003130077 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120678 | 9003120667 | 90/02/27 | 50-317   | Q | 9003130081 | 9003080463 | 90/02/27 | 70-925   |
| 9003120681 | 9003080463 | 90/02/27 | 40-2061  |   | 9003130083 | 9003090324 | 90/02/26 | 50-322   |
| 9003120683 | 9003080463 | 90/02/27 | 40-2061  |   | 9003130091 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120686 | 9003090324 | 90/02/26 | 50-322   | U | 9003130094 | 9003130088 | 90/02/26 | 50-269   |
| 9003120688 | 9003080463 | 90/02/27 | 40-2061  |   | 9003130095 | 9003090324 | 90/02/26 | FOIA     |
| 9003120689 | 9003120584 | 90/02/23 | 50-298   | P | 9003130098 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120692 | 9003120587 | 90/02/23 | 50-382   | Q | 9003130100 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120693 | 9003120685 | 90/03/05 | 50-287   | V | 9003130104 | 9003090324 | 90/02/26 | FOIA     |
| 9003120694 | 9003090324 | 90/02/26 | 60-322   | U | 9003130108 | 9003120684 | 90/03/09 | 40-3392  |
| 9003120695 | 9003080463 | 90/02/27 | 40-2061  |   | 9003130111 | 9003080463 | 90/02/27 | 40-2061  |
| 9003120696 | 9003120587 | 90/02/23 | 50-382   | Q | 9003130114 | 9003090324 | 90/02/26 | 50-3     |

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 003130116        | 8003130110         | 90/02/28    | 50-255           | P                | 0003130500         | 9003130502  | FOIA             |
| 003130121        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003130512         | 90/02/28    | FOIA             |
| 003130123        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130513         | 90/02/28    | 50-322           |
| 003130128        | 8003080324         | 90/02/26    | 50-247           | U                | 0003130516         | 90/03/09    | 40-3392          |
| 003130138        | 8003130134         | 90/02/28    | 50-271           | P                | 0003130518         | 90/02/28    | 50-322           |
|                  |                    |             |                  |                  | 9003080324         | 90/02/28    | FOIA             |
| 003130139        | 8003080463         | 90/02/27    | FOIA             |                  | 0003130521         | 90/03/09    | 40-3392          |
| 003130147        | 8003080324         | 90/02/26    | 50-322           | U                | 0003130525         | 90/02/28    | 50-322           |
| 003130149        | 8003080463         | 90/02/27    | FOIA             |                  | 0003130531         | 90/03/09    | 71-6273          |
| 003130158        | 8003130152         | 90/02/22    | 50-498           | Q                | 0003130538         | 90/02/26    | FOIA             |
| 003130163        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130537         | 90/03/09    | 71-9090          |
| 003130164        | 8003080395         | 90/03/01    | 50-280           | R                | 0003130538         | 90/03/06    | CONTRACT         |
| 003130166        | 8003130152         | 90/02/22    | 50-498           | Q                | 0003130539         | 90/02/26    | 50-322           |
| 003130171        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130542         | 90/03/09    | 50-322           |
| 003130173        | 8003130160         | 90/02/26    | 70-36            |                  | 0003130543         | 90/02/26    | 50-322           |
| 003130182        | 8003080324         | 90/02/28    | 50-220           | U                | 0003130548         | 90/02/28    | FOIA             |
| 003130185        | 8003130178         | 90/03/06    | 50-206           | P                | 0003130552         | 90/02/28    | FOIA             |
| 003130187        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003130558         | 90/02/28    | FOIA             |
| 003130191        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130560         | 90/02/28    | FOIA             |
| 003130196        | 8003080324         | 90/02/26    | FOIA             |                  | 0003130562         | 90/02/26    | FOIA             |
| 003130200        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130565         | 90/02/26    | FOIA             |
| 003130205        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003130569         | 90/02/28    | 50-3             |
| 003130213        | 8003080324         | 90/02/26    | FOIA             |                  | 0003130571         | 90/02/28    | 50-3             |
| 003130223        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130573         | 90/02/28    | FOIA             |
| 003130230        | 8003080324         | 90/02/26    | FOIA             |                  | 0003130575         | 90/02/28    | FOIA             |
| 003130235        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003130576         | 90/02/26    | FOIA             |
| 003130240        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130577         | 90/02/26    | 50-334           |
| 003130244        | 8003080324         | 90/02/26    | 50-322           | U                | 0003130582         | 90/03/09    | 40-7779          |
| 003130249        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130580         | 90/03/09    | 40-3392          |
| 003130252        | 8003080324         | 90/02/26    | 50-322           | U                | 0003130606         | 90/03/09    | 40-3392          |
| 003130258        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130609         | 90/03/03    | 40-3392          |
| 003130260        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003130614         | 90/03/09    | 40-3392          |
| 003130263        | 8003080324         | 90/02/26    | 50-3             | U                | 0003130623         | 90/03/07    | 70-1252          |
| 003130267        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130621         | 90/03/09    | 40-3392          |
| 003130271        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130636         | 90/02/23    | 50-260           |
| 003130277        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130638         | 90/03/09    | 40-3392          |
| 003130281        | 8003080324         | 90/02/26    | FOIA             |                  | 0003130630         | 90/03/07    | 40-2061          |
| 003130282        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130642         | 90/03/09    | 40-3392          |
| 003130290        | 8003080324         | 90/02/26    | 50-322           | U                | 0003130647         | 90/03/09    | 40-3392          |
| 003130293        | 8003080463         | 90/02/27    | 40-2061          |                  | 0003130657         | 90/03/09    | 40-3392          |
| 003130298        | 8003130291         | 90/02/22    | 50-287           | Q                | 0003130664         | 90/03/09    | 40-3392          |
| 003130302        | 8003080324         | 90/02/26    | 50-410           | U                | 0003130672         | 90/02/28    | 50-423           |
| 003130305        | 8003130010         | 90/02/28    | 50-333           | R                | 0003130681         | 90/03/09    | 40-3392          |
| 003130311        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003130686         | 90/03/13    | 50-317           |
| 003130314        | 8003080324         | 90/02/26    | 50-322           |                  | 0003130692         | 90/03/09    | 40-3392          |
| 003130320        | 8003130010         | 90/02/28    | 50-333           | R                | 0003130698         | 90/03/09    | 40-3392          |
| 003130321        | 8003080324         | 90/02/26    | 50-322           | U                | 0003130707         | 90/03/05    | 50-482           |
| 003130327        | 8003080324         | 90/02/26    | 50-322           | U                | 0003130721         | 90/02/15    | 50-269           |
| 003130330        | 8003080324         | 90/02/26    | 50-247           | U                | 0003130723         | 90/02/15    | 50-277           |
| 003130336        | 8003080324         | 90/02/26    | 50-288           | U                | 0003130733         | 90/02/26    | 50-219           |
| 003130366        | 8003080324         | 90/02/20    | 50-322           | U                | 0003130736         | 90/02/26    | 50-219           |
| 003130377        | 8003080324         | 90/02/26    | 50-322           | U                | 0003130739         | 90/03/05    | 50-482           |
| 003130380        | 8003080154         | 90/02/27    | WASTE MGT        |                  | 0003130758         | 90/03/09    | 70-825           |
| 003130382        | 8003130376         | 90/03/06    | 50-259           | P                | 0003130772         | 90/03/09    | 70-25            |
| 003130384        | 8003080324         | 90/02/28    | 50-322           | U                | 0003130775         | 90/03/09    | 70-25            |
| 003130385        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003130778         | 90/03/09    | 70-25            |
| 003130390        | 8003080324         | 90/02/26    | 50-244           | U                | 0003140002         | 90/02/22    | TOPREP           |
| 003130391        | 8003130355         | 90/03/02    | 50-387           | P                | 0003140004         | 90/03/06    | 50-387           |
| 003130401        | 8003080324         | 90/02/26    | 50-322           | U                | 0003140007         | 90/03/02    | 50-317           |
| 003130402        | 8003130178         | 90/03/06    | 50-206           | P                | 0003140008         | 90/03/06    | TOPREP           |
| 003130406        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003140011         | 90/03/06    | 50-498           |
| 003130407        | 8003080324         | 90/02/26    | 50-410           | U                | 0003140012         | 90/03/08    | 50-488           |
| 003130409        | 8003130404         | 90/03/02    | 50-397           | P                | 0003140014         | 90/03/08    | 50-298           |
| 003130418        | 8003080324         | 90/02/26    | 50-322           | U                | 0003140016         | 90/03/01    | 50-305           |
| 003130422        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003140026         | 90/03/02    | 50-219           |
| 003130426        | 8003080324         | 90/02/26    | 50-322           | U                | 0003140027         | 90/03/02    | 50-219           |
| 003130435        | 8003130420         | 90/02/26    | 50-388           | P                | 0003140038         | 90/03/05    | 50-288           |
| 003130438        | 8003080324         | 90/02/28    | 50-410           | U                | 0003140040         | 90/03/13    | 27-48            |
| 003130441        | 8003080324         | 90/02/26    | 50-322           | H                | 0003140042         | 90/03/13    | 27-48            |
| 003130446        | 8003080324         | 90/02/26    | 50-322           | U                | 0003140057         | 90/03/02    | 50-254           |
| 003130451        | 8003130442         | 90/03/05    | CONTRACT         |                  | 0003140062         | 90/03/02    | 50-388           |
| 003130454        | 8003080324         | 90/02/26    | 50-322           | H                | 0003140111         | 90/02/15    | 50-369           |
| 003130484        | 8003080324         | 90/02/28    | 60-322           | U                | 0003140121         | 90/03/02    | 50-341           |
| 003130486        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003140123         | 90/03/06    | 50-289           |
| 003130472        | 8003080324         | 90/02/28    | 50-322           | U                | 0003140131         | 90/03/07    | 27-48            |
| 003130478        | 8003080324         | 90/02/26    | 50-322           | U                | 0003140134         | 90/02/21    | 50-397           |
| 003130480        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003140136         | 90/02/21    | 50-397           |
| 003130483        | 8003080324         | 90/02/26    | FOIA             |                  | 0003140165         | 90/02/22    | TOPREP           |
| 003130487        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003140168         | 90/03/06    | 50-317           |
| 003130491        | 8003130485         | 90/02/26    | 70-143           |                  | 0003140171         | 90/03/06    | 50-317           |
| 003130493        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003140202         | 90/03/02    | 71-28            |
| 003130497        | 8003130489         | 90/03/01    | 50-498           | P                | 0003140220         | 90/03/02    | 71-693           |
| 003130498        | 8003080324         | 90/02/26    | 60-322           | U                | 0003140233         | 90/03/01    | 50-327           |
| 003130499        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003140235         | 90/03/07    | 50-361           |
| 003130501        | 8003130489         | 90/03/01    | 60-498           | P                | 0003140243         | 90/03/01    | 50-327           |
| 003130504        | 8003120684         | 90/03/09    | 40-3392          |                  | 0003140266         | 90/03/02    | 60-278           |
| 003130508        | 8003080324         | 90/02/26    | 50-322           | U                | 0003140273         | 90/03/05    | 50-272           |
| 003130508        | 8003130503         | 90/02/27    | 60-250           | Q                | 0003140287         | 90/03/01    | 50-316           |

| DOCUMENT   | ISSUED     | CATEGORY | DOCUMENT   | ISSUED     | CATEGORY  |
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| 9003140288 | 9003140285 | 90/03/01 | 9003150465 | 9003060080 | 90/03/01  |
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| 9003140336 | 9003140331 | 90/02/20 | 9003160017 | 9003160010 | 90/03/08  |
| 9003140344 | 9003140331 | 90/02/20 | 9003160032 | 9003160012 | 90/03/08  |
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| 9003140346 | 9003140298 | 90/03/05 | 9003160042 | 9003160037 | 90/03/07  |
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| 9003140390 | 9003140385 | 90/02/28 |            |            | 50-373    |
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| 9003150206 | 9003150201 | 90/03/02 | 9003160277 | 9003160203 | 90/02/14  |
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| 9003150236 | 9003150215 | 90/03/09 | 9003160301 | 9003160298 | 90/03/09  |
| 9003150238 | 9003150228 | 90/03/08 | 9003160304 | 9003160299 | 90/03/09  |
| 9003150245 | 9003150241 | 90/03/02 | 9003160312 | 9003160310 | 90/03/09  |
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|            |            |          |            |            | 60-423    |
| 9003150263 | 9003120092 | 90/03/07 |            |            |           |
| 9003150270 | 9003150269 | 90/03/06 | 9003160390 | 9003160383 | 90/03/02  |
| 9003150273 | 9003150266 | 90/03/07 | 9003160391 | 9003160387 | 90/03/08  |
| 9003150277 | 9003150265 | 90/02/15 | 9003160419 | 9003160381 | 90/03/12  |
| 9003150283 | 9003150286 | 90/03/08 | 9003160446 | 9003160324 | 90/03/01  |
|            |            |          | 9003160456 | 9003160454 | 90/03/08  |
|            |            |          |            |            | 50-458    |
| 9003150297 | 9003160293 | 90/03/05 |            |            |           |
| 9003150299 | 9003150293 | 90/03/05 | 9003180024 | 9003190018 | 90/03/12  |
| 9003150323 | 9003150317 | 90/03/07 | 9003180043 | 9003190041 | 90/03/02  |
| 9003150325 | 9003150317 | 90/03/07 | 9003180045 | 9003190038 | 90/03/16  |
| 9003150337 | 9003150330 | 90/03/02 | 9003190051 | 9003190036 | 90/03/16  |
|            |            |          | 9003190053 | 9003190036 | 90/03/16  |
|            |            |          |            |            | WASTE MGT |
| 9003150343 | 9003150330 | 90/03/02 |            |            |           |
| 9003160348 | 9003150344 | 90/03/08 | 9003190058 | 9003190036 | 90/03/16  |
| 9003150357 | 9003160352 | 90/02/20 | 9003190059 | 9003190038 | 90/03/05  |
| 9003150358 | 9003150312 | 90/03/07 | 9003190060 | 9003190036 | 90/03/16  |
| 9003150367 | 9003150358 | 90/02/26 | 9003190067 | 9003190066 | 90/03/07  |
|            |            |          | 9003190074 | 9003190061 | 90/03/08  |
|            |            |          |            |            | 40-2081   |
| 9003150378 | 9003150374 | 90/03/08 |            |            |           |
| 9003150383 | 9003150370 | 90/03/01 | 9003190075 | 9003190071 | 90/03/07  |
| 9003150384 | 9003150371 | 90/02/23 | 9003190077 | 9003190072 | 90/03/13  |
| 9003150388 | 9003150386 | 90/02/27 | 9003190078 | 9003190071 | 90/03/07  |
| 9003150390 | 9003150370 | 90/03/01 | 9003190088 | 9003190088 | 90/03/14  |
|            |            |          | 9003190081 | 9003190088 | 90/03/09  |
|            |            |          |            |            | 50-400    |
| 9003150397 | 9003150396 | 90/03/06 |            |            |           |
| 9003150402 | 9003150392 | 90/03/07 | 9003190093 | 9003190090 | 90/03/08  |
| 9003150407 | 9003150288 | 90/03/05 | 9003190097 | 9003190092 | 90/03/07  |
| 9003150449 | 9003150446 | 90/03/08 | 9003190107 | 9003190105 | 90/03/09  |
| 9003150456 | 9003150455 | 90/03/07 | 9003190119 | 9003190110 | 90/03/09  |
|            |            |          |            |            | 50-3      |
| 9003150457 | 9003150454 | 90/03/09 |            |            |           |
| 9003150462 | 9003150454 | 90/03/09 | 9003190120 | 9003190100 | 90/03/01  |
|            |            |          | 9003190125 |            | 50-397    |
|            |            |          |            |            | 50-397    |

| ACCESSION NUMBER | ACCESSION NUMBER   | ACCESSION NUMBER | ACCESSION NUMBER | ACCESSION NUMBER | ACCESSION NUMBER   | ACCESSION NUMBER | ACCESSION NUMBER | ACCESSION NUMBER | ACCESSION NUMBER |
|------------------|--------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|------------------|
| OSURE            | PRINCIPAL DOCUMENT | DATE ISSUED      | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED      | SUBJECT CATEGORY |                  |                  |
| 900126           | 9003190118         | 90/03/14         | 70-145           | 9003200069       | 9003200056         | 90/03/09         | 50-327           | Q                |                  |
| 900127           | 9003190100         | 90/03/01         | 50-397           | 9003200075       | 9003200072         | 90/03/09         | 50-346           | Q                |                  |
| 900130           | 9003190118         | 90/03/14         | FOIA             | 9003200076       | 9003200087         | 90/03/15         | FOIA             |                  |                  |
| 900134           | 9003190132         | 90/03/05         | ORG              | 9003200081       | 9003200087         | 90/03/15         | FOIA             |                  |                  |
| 900135           | 9003150466         | 90/03/09         | 50-327           | 9003200085       | 9003200080         | 90/03/14         | 50-219           | P                |                  |
| 900136           | 9003190118         | 90/03/14         | 70-145           | 9003200091       | 9003200090         | 90/03/08         | 50-458           | Q                |                  |
| 900141           | 9003150466         | 90/03/09         | 50-327           | 9003200128       | 9003200127         | 90/03/13         | 50-302           | P                |                  |
| 900142           | 9003190114         | 90/03/12         | FOIA             | 9003200131       | 9003200127         | 90/03/13         | 50-302           | P                |                  |
| 900145           | 9003190140         | 90/03/06         | 50-278           | 9003200146       | 9003200144         | 90/03/08         | 50-423           | P                |                  |
| 900146           | 9003190118         | 90/03/14         | FOIA             | 9003200152       | 9003200146         | 90/02/26         | 50-352           | R                |                  |
| 900147           | 9003190118         | 90/03/14         | FOIA             | 9003200154       | 9003200151         | 90/03/14         | 50-255           | Q                |                  |
| 900150           | 9003190143         | 90/03/13         | WASTE MGT        | 9003200157       | 9003200153         | 90/03/15         | 50-268           | R                |                  |
| 900154           | 9003190118         | 90/03/14         | FOIA             | 9003200160       | 9003200153         | 90/03/15         | 50-268           | R                |                  |
| 900155           | 9003190114         | 90/03/12         | FOIA             | 9003200163       | 9003200151         | 90/03/14         | 50-255           | O                |                  |
| 900159           | 9003190118         | 90/03/14         | FOIA             | 9003200169       | 9003200144         | 90/03/06         | 50-423           | P                |                  |
| 900160           | 9003190110         | 90/03/09         | FOIA             | 9003200172       | 9003200167         | 90/03/15         | 50-413           | R                |                  |
| 900161           | 9003190158         | 90/02/26         | 50-263           | 9003200176       | 9003200167         | 90/03/15         | 50-413           | R                |                  |
| 900163           | 9003190114         | 90/03/12         | FOIA             | 9003200183       | 9003200180         | 90/03/15         | 50-389           | R                |                  |
| 900165           | 9003190118         | 90/03/14         | FOIA             | 9003200184       | 9003200180         | 90/03/15         | 50-369           | R                |                  |
| 900172           | 9003190118         | 90/03/14         | FOIA             | 9003200191       | 9003200168         | 90/03/13         | 50-315           | Q                |                  |
| 900174           | 9003190110         | 90/03/09         | FOIA             | 9003200201       | 9003200066         | 90/03/08         | 50-382           | Q                |                  |
| 900176           | 9003190118         | 90/03/14         | FOIA             | 9003200202       | 9003200189         | 90/03/15         | FOIA             |                  |                  |
| 900179           | 9003190118         | 90/03/14         | 70-145           | 9003200204       | 9003200189         | 90/03/15         | FOIA             |                  |                  |
| 900185           | 9003190110         | 90/03/09         | FOIA             | 9003200207       | 9003200205         | 90/03/16         | 50-324           | P                |                  |
| 900189           | 9003130264         | 90/02/26         | 50-341           | 9003200208       | 9003200169         | 90/03/15         | FOIA             |                  |                  |
| 900194           | 9003190110         | 90/03/09         | FOIA             | 9003200214       | 9003200199         | 90/03/15         | FOIA             |                  |                  |
| 900197           | 9003190110         | 90/03/09         | FOIA             | 9003200216       | 9003200211         | 90/03/06         | 50-454           | Q                |                  |
| 900201           | 9003190114         | 90/03/12         | FOIA             | 9003200216       | 9003200189         | 90/03/15         | FOIA             |                  |                  |
| 900202           | 9003190108         | 90/03/08         | 50-305           | 9003200221       | 9003200166         | 90/03/08         | 50-498           | S                |                  |
| 900206           | 9003190114         | 90/03/12         | FOIA             | 9003200226       | 9003200220         | 90/03/12         | 50-445           | Q                |                  |
| 900210           | 9003190110         | 90/03/09         | FOIA             | 9003200227       | 9003200189         | 90/03/15         | FOIA             |                  |                  |
| 900212           | 9003190206         | 90/03/12         | FOIA             | 9003200228       | 9003200222         | 90/03/02         | 50-338           | Q                |                  |
| 900218           | 9003190206         | 90/03/12         | FOIA             | 9003200231       | 9003200222         | 90/03/02         | 50-339           | Q                |                  |
| 900220           | 9003190114         | 90/03/12         | 50-322           | 9003200233       | 9003200199         | 90/03/16         | FOIA             |                  |                  |
| 900221           | 9003190110         | 90/03/09         | 50-3             | 9003200235       | 9003200199         | 90/03/15         | FOIA             |                  |                  |
| 900223           | 9003190114         | 90/03/12         | 50-322           | 9003200281       | 9003200256         | 90/03/05         | 50-283           | Q                |                  |
| 900224           | 9003190206         | 90/03/12         | FOIA             | 9003200231       | 9003200259         | 90/03/14         | 40-8904          |                  |                  |
| 900229           | 9003190110         | 90/03/09         | 50-322           | 9003200233       | 9003200290         | 90/03/12         | 50-341           | Q                |                  |
| 900230           | 9003190114         | 90/03/12         | FOIA             | 9003200234       | 9003200259         | 90/03/14         | 40-8904          |                  |                  |
| 900231           | 9003190206         | 90/03/12         | FOIA             | 9003200299       | 9003200298         | 90/02/23         | CONTRACT         |                  |                  |
| 900234           | 9003190206         | 90/03/12         | FOIA             | 9003200300       | 9003200140         | 90/03/15         | 50-443           | P                |                  |
| 900235           | 9003190226         | 90/03/16         | FOIA             | 9003200305       | 9003200304         | 90/01/21         | 50-335           | V                |                  |
| 900237           | 9003190110         | 90/03/08         | WASTE MGT        | 9003200335       | 9003200327         | 90/03/03         | XPORTLIC         |                  |                  |
| 900249           | 9003190206         | 90/03/12         | FOIA             | 9003200342       | 9003200337         | 90/03/12         | 50-254           | Q                |                  |
| 900254           | 9003190206         | 90/03/12         | FOIA             | 9003200351       | 9003200347         | 90/03/19         | FOIA             |                  |                  |
| 900256           | 9003190252         | 90/03/15         | 27-48            | 9003200355       | 9002150165         | 90/02/08         | WASTE MGT        |                  |                  |
| 900257           | 9003190206         | 90/03/12         | FOIA             | 9003200357       | 9003200353         | 90/03/13         | 50-481           | Q                |                  |
| 900260           | 9003190252         | 90/03/15         | 27-48            | 9003200358       | 9003200354         | 90/03/09         | 50-213           | P                |                  |
| 900262           | 9003190206         | 90/03/12         | FOIA             | 9003200368       | 9003200363         | 90/03/12         | XPORTLIC         |                  |                  |
| 900264           | 9003190206         | 90/03/12         | FOIA             | 9003200369       | 9003200365         | 90/03/03         | XPORTLIC         |                  |                  |
| 900268           | 9003190206         | 90/03/12         | FOIA             | 9003200372       | 9003200363         | 90/03/12         | XPORTLIC         |                  |                  |
| 900270           | 9003190265         | 90/03/08         | 50-483           | 9003200376       | 9003200373         | 90/12/28         | 40-8903          |                  |                  |
| 900272           | 9003190206         | 90/03/12         | FOIA             | 9003200379       | 9003200375         | 90/03/15         | 50-346           | F                |                  |
| 900274           | 9003190206         | 90/03/12         | FOIA             | 9003200383       | 9003200374         | 90/03/12         | FOIA             |                  |                  |
| 900276           | 9003190275         | 90/03/08         | 50-317           | 9003200389       | 9003200353         | 90/03/13         | 60-461           | Q                |                  |
| 900279           | 9003190278         | 90/03/10         | 50-275           | 9003200393       | 9003200374         | 90/03/12         | FOIA             |                  |                  |
| 900282           | 9003190267         | 90/03/12         | 50-198           | 9003200398       | 9003200374         | 90/03/12         | FOIA             |                  |                  |
| 900283           | 9003190267         | 90/03/12         | 50-198           | 9003200401       | 9003200374         | 90/03/12         | 71-5939          |                  |                  |
| 900287           | 9003190267         | 90/03/12         | 50-198           | 9003200410       | 9003200408         | 90/03/02         | 50-324           | Q                |                  |
| 900305           | 9003190301         | 90/03/12         | 50-272           | 9003200412       | 9003200436         | 90/03/02         | 50-324           | Q                |                  |
| 900309           | 9003190289         | 90/03/12         | FOIA             | 9003200413       | 9003200374         | 90/03/12         | 71-5939          |                  |                  |
| 900314           | 9003190311         | 90/03/12         | 50-219           | 9003200415       | 9003200374         | 90/03/12         | FOIA             |                  |                  |
| 900325           | 9003190299         | 90/03/12         | FOIA             | 9003200419       | 9003200362         | 90/03/12         | XPORTLIC         |                  |                  |
| 900327           | 9003190322         | 90/03/08         | 50-339           | 9003200421       | 9003150460         | 90/03/08         | 50-302           | P                |                  |
| 900330           | 9003190298         | 90/03/12         | FOIA             | 9003200423       | 9003200420         | 90/03/12         | 50-255           | Y                |                  |
| 900341           | 9003190299         | 90/03/12         | FOIA             | 9003200427       | 9003200425         | 90/03/08         | 50-336           | Q                |                  |
| 900342           | 9003190339         | 90/03/02         | 50-327           | 9003200428       | 9003200426         | 90/03/09         | 50-336           | P                |                  |
| 900343           | 9003190299         | 90/03/12         | FOIA             | 9003200430       | 9003200424         | 90/03/08         | 50-20            | Q                |                  |
| 900344           | 9003190339         | 90/03/02         | 50-327           | 9003200433       | 9003200374         | 90/03/12         | FOIA             |                  |                  |
| 900346           | 9003190345         | 90/03/12         | 50-286           | 9003200434       | 9003200420         | 90/03/12         | 50-255           | Y                |                  |
| 900347           | 9003190299         | 90/03/12         | FOIA             | 9003200441       | 9003200440         | 90/03/12         | 50-488           | P                |                  |
| 900348           | 9003190345         | 90/03/12         | 50-295           | 9003200443       | 9003200440         | 90/03/12         | 50-488           | P                |                  |
| 900352           | 9003190299         | 90/03/12         | FOIA             | 9003200444       | 9003200374         | 90/03/12         | FOIA             |                  |                  |
| 900354           | 9003190351         | 90/03/08         | 50-454           | 9003200446       | 9003200374         | 90/03/12         | FOIA             |                  |                  |
| 900355           | 9003190299         | 90/03/12         | FOIA             | 9003200449       | 9003200436         | 90/03/13         | 50-387           | V                |                  |
| 900356           | 9003190299         | 90/03/12         | FOIA             | 9003200452       | 9003200374         | 90/03/12         | FOIA             |                  |                  |
| 900360           | 9003190358         | 90/03/08         | 50-283           | 9003200455       | 9003200374         | 90/03/12         | FOIA             |                  |                  |
| 900368           | 9003120202         | 90/03/07         | 27-48            | 9003210002       | 9003210001         | 90/03/02         | 50-268           | Q                |                  |
| 900374           | 9003190373         | 90/03/07         | CONTRACT         | 9003210004       | 9003210003         | 90/03/02         | 50-395           | Q                |                  |
| 900378           | 9003190377         | 90/03/13         | CONTRACT         | 9003210006       | 9003210005         | 90/03/02         | 50-413           | Q                |                  |
| 900401           | 9003150442         | 90/03/09         | WASTE MGT        | 9003210007       | 9003210005         | 90/03/02         | 50-413           | Q                |                  |
| 900402           | 9003200009         | 90/03/09         | 50-333           | 9003210012       | 9003210010         | 90/02/22         | 50-413           | Q                |                  |
| 900403           | 9003200009         | 90/03/09         | 50-333           | 9003210013       | 9003210008         | 90/03/15         | 50-341           | K                |                  |
| 900405           | 9003200014         | 90/03/09         | 50-373           | 9003210014       | 9003210008         | 90/03/15         | 50-341           | K                |                  |
| 900408           | 9003200014         | 90/03/09         | 50-373           | 9003210025       | 9003210023         | 90/03/07         | 50-335           | Q                |                  |
| 900451           | 9003200047         | 90/03/08         | 50-468           | 9003210031       | 9003210028         | 90/03/19         | 50-295           | P                |                  |
| 900453           | 9003200050         | 90/03/14         | 50-390           | 9003210034       | 9003210028         | 90/03/19         | 50-295           | P                |                  |

| DOCUMENT   | ISSUED      | CATEGORY  | DOCUMENT   | ISSUED     | CATEGORY  |
|------------|-------------|-----------|------------|------------|-----------|
| 9003210036 | 9003210035  | 50-413    | 9003210037 | 9003210286 | FOIA      |
| 9003210037 | 9003210032  | 50-332    | 9003210034 | 9003210288 | FOIA      |
| 9003210038 | 9003210033  | 50-335    | 9003210036 | 9003210289 | FOIA      |
| 9003210041 | 9003210033  | 50-335    | 9003210032 | 9003210290 | FOIA      |
| 9003210046 | 9003210042  | 50-400    | 9003210034 | 9003210296 | FOIA      |
| 9003210050 | 9003210045  | 50-341    | 9003210036 | 9003210296 | FOIA      |
| 9003210051 | 9003210045  | 50-341    | 9003210038 | 9003210296 | FOIA      |
| 9003210054 | 9003210049  | 50-335    | 9003210060 | 9003210296 | FOIA      |
| 9003210055 | 9003200374  | FOIA      | 9003210061 | 9003210296 | FOIA      |
| 9003210056 | 9003210053  | 50-335    | 9003210064 | 9003210296 | FOIA      |
| 9003210062 | 9003210058  | 50-400    | 9003210085 | 9003210298 | FOIA      |
| 9003210064 | 9003200374  | FOIA      | 9003210087 | 9003210298 | FOIA      |
| 9003210065 | 9003210058  | 50-400    | 9003210087 | 9003220005 | 50-498    |
| 9003210069 | 9003210067  | 50-321    | 9003220008 | 9003220006 | 50-321    |
| 9003210070 | 9003210063  | 50-337    | 9003220014 | 9003220012 | 50-324    |
| 9003210072 | 9003200374  | FOIA      | 9003220019 | 9003220001 | 50-305    |
| 9003210073 | 9003200374  | FOIA      | 9003220023 | 9003220022 | 50-302    |
| 9003210078 | 9003210075  | 50-528    | 9003220024 | 9003210296 | 40-3392   |
| 9003210082 | 9003210079  | 50-348    | 9003220028 | 9003220025 | 50-213    |
| 9003210084 | 9003200374  | FOIA      | 9003220032 | 9003210296 | 40-3392   |
| 9003210088 | 9003210085  | 50-387    | 9003220037 | 9003220034 | 50-458    |
| 9003210090 | 9003210085  | 50-287    | 9003220041 | 9003210290 | 40-3392   |
| 9003210092 | 9003200374  | FOIA      | 9003220047 | 9003210296 | 40-3392   |
| 9003210094 | 9003210091  | 50-416    | 9003220054 | 9003210296 | 40-3392   |
| 9003210095 | 9003210093  | 71-6346   | 9003220057 | 9003220055 | 50-324    |
| 9003210098 | 9003200374  | FOIA      | 9003220066 | 9003220065 | 50-483    |
| 9003210101 | 9003210097  | 50-395    | 9003220070 | 9003220067 | 50-282    |
| 9003210105 | 9003200374  | FOIA      | 9003220088 | 9003220093 | 71-9217   |
| 9003210107 | 9003210104  | 50-259    | 9003220103 | 9003220108 | 50-413    |
| 9003210110 | 9003200374  | FOIA      | 9003220112 | 9003220106 | 50-413    |
| 9003210112 | 9003200374  | FOIA      | 9003220124 | 9003220118 | CONTRACT  |
| 9003210116 | 9003200374  | FOIA      | 9003220127 | 9003220122 | 50-269    |
| 9003210117 | 9003210114  | 50-275    | 9003220130 | 9003220128 | 50-305    |
| 9003210118 | 9003210114  | 50-275    | 9003220131 | 9003220123 | 50-250    |
| 9003210119 | 9003210113  | 50-250    | 9003220133 | 9003220129 | CONTRACT  |
| 9003210125 | 9003200374  | FOIA      | 9003220134 | 9003220128 | 50-395    |
| 9003210126 | 9003210123  | 70-27     | 9003220139 | 9003220135 | 50-261    |
| 9003210127 | 9003200374  | FOIA      | 9003220140 | 9003220138 | CONTRACT  |
| 9003210129 | 9003210124  | ORG       | 9003220141 | 9003220135 | 50-261    |
| 9003210130 | 9003200374  | FOIA      | 9003220142 | 9003220082 | 50-456    |
| 9003210132 | 9003200374  | FOIA      | 9003220146 | 9003220143 | 50-285    |
| 9003210134 | 9003210131  | 50-413    | 9003220150 | 9003220148 | 50-424    |
| 9003210136 | 9003200374  | FOIA      | 9003220152 | 9003220149 | 50-324    |
| 9003210138 | 90031150418 | 50-335    | 9003220155 | 9003220149 | 50-324    |
| 9003210141 | 9003200374  | FOIA      | 9003220166 | 9003220156 | 50-450    |
| 9003210143 | 9003150418  | 50-335    | 9003220170 | 9003220164 | 50-424    |
| 9003210146 | 9003210145  | 50-327    | 9003220172 | 9003220171 | 50-324    |
| 9003210148 | 9003210145  | 50-327    | 9003220187 | 9003220184 | 50-443    |
| 9003210149 | 9003200374  | FOIA      | 9003220190 | 9003220188 | 50-454    |
| 9003210151 | 9003200374  | FOIA      | 9003220200 | 9003220186 | 50-481    |
| 9003210154 | 9003200374  | FOIA      | 9003220204 | 9003220202 | TOPREP    |
| 9003210161 | 9003200374  | FOIA      | 9003220206 | 9003220205 | 50-324    |
| 9003210167 | 9003210159  | PROJ      | 9003220213 | 9003220211 | XPORTLIC  |
| 9003210172 | 9003200374  | FOIA      | 9003220217 | 9003220215 | 50-423    |
| 9003210176 | 9003210175  | 50-282    | 9003220219 | 9003220188 | 50-454    |
| 9003210179 | 9003210171  | 50-327    | 9003220220 | 9003220188 | 50-454    |
| 9003210180 | 9003200374  | FOIA      | 9003220227 | 9003220224 | CONTRACT  |
| 9003210181 | 9003210176  | 50-282    | 9003220230 | 9003220228 | XPORTLIC  |
| 9003210185 | 9003210183  | 71-9018   | 9003220231 | 9003220229 | 40-2061   |
| 9003210186 | 9003200374  | FOIA      | 9003220232 | 9003220228 | XPORTLIC  |
| 9003210188 | 9003210175  | 50-282    | 9003220236 | 9003220235 | 50-416    |
| 9003210194 | 9003200374  | FOIA      | 9003220240 | 9003220237 | XPORTLIC  |
| 9003210201 | 9003210197  | 50-315    | 9003220259 | 9003220233 | XPORTLIC  |
| 9003210203 | 9003210197  | 50-315    | 9003220260 | 9003220268 | 71-5039   |
| 9003210204 | 9003210200  | 50-389    | 9003220263 | 9003220253 | 50-275    |
| 9003210207 | 9003210200  | 50-389    | 9003220276 | 9003220252 | 50-271    |
| 9003210213 | 9003210211  | 50-280    | 9003220282 | 9003220280 | 50-271    |
| 9003210215 | 9003210193  | 70-687    | 9003220283 | 9003220278 | 50-271    |
| 9003210216 | 90031160487 | 50-387    | 9003220288 | 9003220285 | 50-289    |
| 9003210224 | 9003210223  | 50-440    | 9003220291 | 9003220290 | 50-285    |
| 9003210232 | 9003210230  | TOPREP    | 9003220294 | 9003220292 | 50-528    |
| 9003210234 | 9003210230  | TOPREP    | 9003220300 | 9003220297 | 50-327    |
| 9003210249 | 9003210247  | 50-260    | 9003220308 | 9003220302 | 50-354    |
| 9003210252 | 9003210248  | 50-443    | 9003220320 | 9003220319 | 50-322    |
| 9003210260 | 9003210256  | PROJ      | 9003220306 | 9003220304 | 50-237    |
| 9003210285 | 9003210284  | PROJ      | 9003220309 | 9003220308 | 50-331    |
| 9003210288 | 9003210285  | 50-440    | 9003220301 | 9003220301 | NUREG     |
| 9003210288 | 9003210283  | WASTE MGT | 9003220302 | 9003220302 | REVIEW GR |
| 9003210293 | 9003210290  | 50-440    | 9003220305 | 9003220303 | 50-263    |
| 9003210297 | 9003210295  | 50-324    | 9003220303 | 9003220303 | 50-247    |
| 9003210304 | 9003210302  | 50-288    | 9003220304 | 9003220302 | 50-247    |
| 9003210322 | 9003210298  | 40-3392   | 9003220308 | 9003220305 | 50-443    |
| 9003210325 | 9003210298  | 40-3392   | 9003220300 | 9003220303 | 50-29     |
| 9003210328 | 9003210298  | 40-3392   | 9003220301 | 9003220309 | 50-29     |
| 9003210330 | 9003210298  | FOIA      | 9003220305 | 9003220304 | 50-443    |
| 9003210333 | 9003210331  | 50-423    | 9003220308 | 9003220106 | 50-263    |
| 9003210335 | 9003210283  | WASTE MGT | 9003220308 | 9003220308 | 50-373    |

| ACCESSION NUMBER |                    |             |                  |            | ACCESSION NUMBER   |             |                  |   |  |
|------------------|--------------------|-------------|------------------|------------|--------------------|-------------|------------------|---|--|
| URE              | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE  | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   |  |
| 096              | 9003230092         | 90/03/05    | 50-344 Q         | 9003260172 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 097              | 9003230092         | 90/03/05    | 50-344 Q         | 9003260174 | 9003260008         | 90/03/20    | 50-443           | T |  |
| 098              | 9003230095         | 90/03/13    | 50-443 G         | 9003260175 | 9003260162         | 90/02/28    | 50-276           | Q |  |
| 101              | 9003200132         | 90/03/15    | 50-381 P         | 9003260176 | 9003260008         | 90/03/20    | 50-443           | T |  |
| 117              | 9003180079         | 90/03/05    | 50-381 P         | 9003260178 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 121              | 9003230088         | 90/03/14    | 50-368 P         | 9003260179 | 90032603177        | 90/03/16    | 50-250           | H |  |
| 141              | 9003230135         | 90/03/15    | 50-390 Q         | 9003260180 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 167              | 9003230162         | 90/03/19    | 70-25            | 9003260189 | 9003260185         | 90/03/13    | 50-336           | H |  |
| 158              | 9003200136         | 90/03/07    | 50-271 Q         | 9003260193 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 166              | 9003230162         | 90/03/13    | CONTRACT         | 9003260197 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 177              | 9003230175         | 90/03/15    | 50-322 P         | 9003260204 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 182              | 9003230179         | 90/03/09    | 50-315 P         | 9003260216 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 183              | 9003230173         | 90/03/13    | CONTRACT         | 9003260218 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 186              | 9003230179         | 90/03/09    | 50-315 P         | 9003260222 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 190              | 9003230184         | 90/03/07    | 50-348 P         | 9003260225 | 9003260219         | 90/03/13    | 50-29            | P |  |
| 192              | 9003230184         | 90/03/07    | 50-348 P         | 9003260227 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 198              | 9003230194         | 89/12/26    | CONTRACT         | 9003260228 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 201              | 9003230189         | 90/03/06    | 50-395 P         | 9003260233 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 202              | 9003230200         | 90/03/16    | PROJ             | 9003260234 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 204              | 9003230189         | 90/03/06    | 50-395 P         | 9003260237 | 9003260218         | 90/03/13    | 50-498           | P |  |
| 206              | 9003230203         | 90/03/16    | 50-298 V         | 9003260238 | 9003260217         | 90/03/20    | 50-361           | P |  |
| 207              | 9003230203         | 90/03/16    | 50-298 V         | 9003260248 | 9003260243         | 90/03/13    | 50-333           | P |  |
| 213              | 9003230211         | 90/03/16    | 50-482 Q         | 9003260255 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 215              | 9003230211         | 90/03/16    | 50-482 Q         | 9003260257 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 224              | 9003230223         | 90/03/18    | 50-498 Q         | 9003260259 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 226              | 9003230223         | 90/03/18    | 50-498 Q         | 9003260284 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 244              | 9003230243         | 90/03/19    | 50-305 P         | 9003260266 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 245              | 9003230243         | 90/03/19    | 50-305 P         | 9003260269 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 249              | 9003230247         | 90/03/20    | 50-209 P         | 9003260273 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 278              | 9003230256         | 90/03/20    | REVIEW GR        | 9003260278 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 280              | 9003230256         | 90/03/20    | REVIEW GR        | 9003260280 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 297              | 9003230293         | 90/02/21    | 50-395 V         | 9003260281 | 9003260276         | 90/03/19    | 50-285           | P |  |
| 317              | 9003230315         | 90/03/22    | 71-4986          | 9003260283 | 9003260276         | 90/03/19    | 50-285           | P |  |
| 321              | 9003230319         | 90/03/13    | 50-368 Q         | 9003260285 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 337              | 9003230319         | 90/03/13    | 50-368 Q         | 9003260286 | 9003260243         | 90/03/13    | 50-333           | P |  |
| 347              | 9003260016         | 90/03/14    | 71-5930          | 9003260281 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 351              | 9003260009         | 90/03/20    | 50-443 T         | 9003260295 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 354              | 9003260022         | 90/03/13    | 50-313 P         | 9003260298 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 355              | 9003260009         | 90/03/20    | 50-443 T         | 9003260302 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 357              | 9003260009         | 90/03/20    | 50-443 T         | 9003260312 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 360              | 9003260000         | 90/03/20    | 50-443 T         | 9003260316 | 9003260009         | 90/03/20    | 50-443           | T |  |
| 363              | 9003260031         | 90/03/19    | 50-461 P         | 9003260326 | 9003260322         | 90/03/19    | 50-275           | V |  |
| 365              | 9003260009         | 90/03/20    | 50-443 T         | 9003260330 | 9003260319         | 90/03/12    | 50-528           | Q |  |
| 373              | 9003260009         | 90/03/20    | 50-443 T         | 9003260351 | 9003260347         | 90/03/16    | 50-276           | P |  |
| 377              | 9003260009         | 90/03/20    | 50-443 T         | 9003260359 | 9003260352         | 90/03/23    | 50-261           | Y |  |
| 380              | 9003260038         | 90/03/15    | 50-369 P         | 9003260360 | 9003260355         | 90/03/20    | 50-312           | Q |  |
| 384              | 9003260038         | 90/03/15    | 50-369 P         | 9003260410 | 9003260416         | 90/03/20    | 50-220           | P |  |
| 385              | 9003260009         | 90/03/20    | 50-443 T         | 9003260421 | 9003260418         | 90/03/02    | 50-361           | V |  |
| 388              | 9003260041         | 90/03/21    | COMMISSIO        | 9003260435 | 9003260432         | 90/03/07    | 50-483           | O |  |
| 388              | 9003260009         | 90/03/20    | 50-443 T         | 9003260444 | 9003260441         | 90/03/16    | 50-354           | P |  |
| 391              | 9003260047         | 90/03/19    | PR               | 9003260476 | 9003260473         | 90/03/07    | 50-341           | Q |  |
| 392              | 9003260000         | 90/03/20    | 50-443 T         | 9003260495 | 9003260492         | 90/03/13    | 50-277           | O |  |
| 393              | 9003260009         | 90/03/20    | 50-443 T         | 9003260501 | 9003260492         | 90/03/13    | 50-277           | O |  |
| 395              | 9003260009         | 90/03/20    | 50-443 T         | 9003260503 | 9003260490         | 90/03/20    | 50-382           | O |  |
| 398              | 9003260009         | 90/03/20    | 50-443 T         | 9003260507 | 9003260490         | 90/03/20    | 50-382           | O |  |
| 399              | 9003260009         | 90/03/20    | 50-443 T         | 9003260535 | 9003260532         | 90/03/20    | 50-285           | Q |  |
| 400              | 9003260009         | 90/03/20    | 50-443 T         | 9003260557 | 9003260555         | 90/03/15    | 50-220           | Q |  |
| 403              | 9003260009         | 90/03/20    | 50-443 T         | 9003260577 | 9003260573         | 90/03/13    | 50-528           | P |  |
| 406              | 9003260009         | 90/03/20    | 50-443 T         | 9003260582 | 9003260584         | 90/03/12    | 71-9183          | Q |  |
| 407              | 9003260009         | 90/03/20    | 50-443 T         | 9003260586 | 9003260584         | 90/03/12    | 50-530           | Q |  |
| 408              | 9003260009         | 90/03/20    | 50-443 T         | 9003270021 | 9003270017         | 90/03/20    | 50-235           | Q |  |
| 409              | 9003260009         | 90/03/20    | 50-443 T         | 9003270031 | 9003270027         | 90/03/16    | 50-322           | Q |  |
| 410              | 9003260009         | 90/03/20    | 50-443 T         | 9003270048 | 9003270044         | 90/03/16    | 50-244           | P |  |
| 411              | 9003260067         | 90/03/20    | WASTE MGT        | 9003270048 | 9003270044         | 90/03/16    | 50-244           | P |  |
| 412              | 9003260009         | 90/03/20    | 50-443 T         | 9003270058 | 9003270052         | 90/03/13    | 50-445           | O |  |
| 413              | 9003260009         | 90/03/20    | 50-443 T         | 9003270060 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 414              | 9003260009         | 90/03/20    | 50-443 T         | 9003270064 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 415              | 9003260009         | 90/03/20    | 50-443 T         | 9003270068 | 9003270057         | 90/03/16    | 50-223           | V |  |
| 416              | 9003260009         | 90/03/20    | 50-443 T         | 9003270068 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 417              | 9003260104         | 90/03/21    | 50-413 P         | 9003270070 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 418              | 9003260009         | 90/03/20    | 50-443 T         | 9003270072 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 419              | 9003260104         | 90/03/21    | 50-413 P         | 9003270074 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 420              | 9003260009         | 90/03/20    | 50-443 T         | 9003270077 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 421              | 9003260009         | 90/03/20    | 50-443 T         | 9003270079 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 422              | 9003260009         | 90/03/20    | 50-443 T         | 9003270081 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 423              | 9003260106         | 90/03/18    | PROJ             | 9003270082 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 424              | 9003260106         | 90/03/18    | PROJ             | 9003270085 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 425              | 9003260009         | 90/03/20    | 50-443 T         | 9003270087 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 426              | 9003260009         | 90/03/20    | 50-443 T         | 9003270088 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 427              | 9003260009         | 90/03/20    | 50-443 T         | 9003270090 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 428              | 9003260009         | 90/03/20    | 50-443 T         | 9003270092 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 429              | 9003260009         | 90/03/20    | 50-443 T         | 9003270094 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 430              | 9003260009         | 90/03/20    | 50-443 T         | 9003270097 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 431              | 9003260009         | 90/03/20    | 50-443 T         | 9003270098 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 432              | 9003260009         | 90/03/20    | 50-443 T         | 9003270099 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 433              | 9003260162         | 90/02/28    | 50-275 Q         | 9003270100 | 9003270055         | 90/02/22    | 50-443           | T |  |
| 434              | 9003260166         | 90/03/14    | 50-483 P         | 9003270103 | 9003270055         | 90/02/22    | 50-443           | T |  |

## 406 CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 9003270106       | 9003270055         | 90/02/22    | 50-443 T         | 9003270215       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270107       | 9003270055         | 90/02/22    | 50-443 T         | 9003270217       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270108       | 9003270055         | 90/02/22    | 50-443 T         | 9003270220       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270109       | 9003270055         | 90/02/22    | 50-443 T         | 9003270221       | 9003270214         | 90/03/15    | 50-308 Q         |
| 9003270110       | 9003270055         | 90/02/22    | 50-443 T         | 9003270222       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270112       | 9003270055         | 90/02/22    | 50-443 T         | 9003270223       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270115       | 9003270055         | 90/02/22    | 50-443 T         | 9003270224       | 9003270218         | 90/03/15    | 70-687           |
| 9003270117       | 9003270055         | 90/02/22    | 50-443 T         | 9003270225       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270118       | 9003270055         | 90/02/22    | 50-443 T         | 9003270228       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270121       | 9003270055         | 90/02/22    | 50-443 T         | 9003270230       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270122       | 9003270055         | 90/02/22    | 50-443 T         | 9003270232       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270123       | 9003270055         | 90/02/22    | 50-443 T         | 9003270233       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270124       | 9003270055         | 90/02/22    | 50-443 T         | 9003270234       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270126       | 9003270055         | 90/02/22    | 50-443 T         | 9003270238       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270127       | 9003270055         | 90/02/22    | 50-443 T         | 9003270240       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270128       | 9003270055         | 90/02/22    | 50-443 T         | 9003270242       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270130       | 9003270055         | 90/02/22    | 50-443 T         | 9003270246       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270132       | 9003270055         | 90/02/22    | 50-443 T         | 9003270248       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270135       | 9003270055         | 90/02/22    | 50-443 T         | 9003270252       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270137       | 9003270055         | 90/02/22    | 50-443 T         | 9003270253       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270138       | 9003270055         | 90/02/22    | 50-443 T         | 9003270254       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270140       | 9003270055         | 90/02/22    | 50-443 T         | 9003270256       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270142       | 9003270055         | 90/02/22    | 50-443 T         | 9003270259       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270144       | 9003270055         | 90/02/22    | 50-443 T         | 9003270260       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270147       | 9003270055         | 90/02/22    | 50-443 T         | 9003270261       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270148       | 9003270055         | 90/02/22    | 50-443 T         | 9003270263       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270149       | 9003270055         | 90/02/22    | 50-443 T         | 9003270264       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270150       | 9003270055         | 90/02/22    | 50-443 T         | 9003270267       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270152       | 9003270055         | 90/02/22    | 50-443 T         | 9003270268       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270153       | 9003270055         | 90/02/22    | 50-443 T         | 9003270269       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270154       | 9003270055         | 90/02/22    | 50-443 T         | 9003270272       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270155       | 9003270055         | 90/02/22    | 50-443 T         | 9003270273       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270157       | 9003270055         | 90/02/22    | 50-443 T         | 9003270275       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270159       | 9003270055         | 90/02/22    | 50-443 T         | 9003270276       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270180       | 9003270055         | 90/02/22    | 50-443 T         | 9003270277       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270181       | 9003270055         | 90/02/22    | 50-443 T         | 9003270278       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270182       | 9003270055         | 90/02/22    | 50-443 T         | 9003270279       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270183       | 9003270055         | 90/02/22    | 50-443 T         | 9003270281       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270184       | 9003270055         | 90/02/22    | 50-443 T         | 9003270282       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270186       | 9003270055         | 90/02/22    | 50-443 T         | 9003270283       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270189       | 9003270055         | 90/02/22    | 50-443 T         | 9003270284       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270191       | 9003270055         | 90/02/22    | 50-443 T         | 9003270286       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270193       | 9003270055         | 90/02/22    | 50-443 T         | 9003270287       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270194       | 9003270055         | 90/02/22    | 50-443 T         | 9003270288       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270196       | 9003270192         | 90/03/14    | 50-369 Q         | 9003270289       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270197       | 9003270055         | 90/02/22    | 50-443 T         | 9003270290       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270198       | 9003270195         | 90/03/14    | 50-213 Q         | 9003270291       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270199       | 9003270055         | 90/02/22    | 50-443 T         | 9003270293       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270200       | 9003270055         | 90/02/22    | 50-443 T         | 9003270295       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270202       | 9003270055         | 90/02/22    | 50-443 T         | 9003270297       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270204       | 9003270055         | 90/02/22    | 50-443 T         | 9003270298       | 9003270055         | 90/02/22    | 50-443 T         |
| 9003270205       | 9003270055         | 90/02/22    | 50-443 T         | 9003270321       | 9003270320         | 90/03/14    | 50-288 Q         |
| 9003270207       | 9003270055         | 90/02/22    | 50-443 T         | 9003270329       | 9003270328         | 90/03/05    | 50-247           |
| 9003270209       | 9003270055         | 90/02/22    | 50-443 T         | 9003270362       | 9003270357         | 90/03/20    | WASTE MGT        |
| 9003270210       | 9003270055         | 90/02/22    | 50-443 T         | 9003270375       | 9003270373         | 90/03/09    | 50-334 Q         |
| 9003270211       | 9003270055         | 90/02/22    | 50-443 T         | 9003270426       | 9003270425         | 90/03/16    | 50-408 Q         |
| 9003270212       | 9003270203         | 90/03/13    | 50-244 P         | 9003270431       | 9003270430         | 90/03/16    | 50-458 V         |
| 9003270213       | 9003270055         | 90/02/22    | 50-443 T         | 9003280001       | 9003270397         | 90/03/21    | WASTE MGT        |
|                  |                    |             |                  | 9003280011       | 9003220203         | 90/03/15    | 50-410 P         |
|                  |                    |             |                  | 9003280152       | 9003280152         | 90/03/21    | 50-445 Q         |
|                  |                    |             |                  | 9003300118       | 9003300117         | 90/03/26    | 70-25            |
|                  |                    |             |                  | 9003300121       | 9003270305         | 90/01/28    | ADVC             |
|                  |                    |             |                  | 9003300134       | 9003300133         | 90/03/28    | 40-2081          |
|                  |                    |             |                  | 9003300135       | 9003300133         | 90/03/28    | 40-2081          |
|                  |                    |             |                  | 9003300136       | 9003300133         | 90/03/26    | 40-2081          |
|                  |                    |             |                  | 9003300138       | 9003300133         | 90/03/26    | 40-2081          |
|                  |                    |             |                  | 9003300142       | 9003300140         | 90/03/16    | 50-443 P         |
|                  |                    |             |                  | 9003300145       | 9003300140         | 90/03/16    | 50-443 P         |
|                  |                    |             |                  | 9003300146       | 9003300140         | 90/03/16    | 50-443 P         |
|                  |                    |             |                  | 9003300149       | 9003300140         | 90/03/16    | 50-443 P         |
|                  |                    |             |                  | 9005020281       | 9003120388         | 90/02/14    | 50-333 F         |



# APPENDIX A

## DEFINITIONS OF DOCKET 50 CATEGORIES

### A. APPLICATION/CONSTRUCTION STAGE DOCUMENTS AND CORRESPONDENCE

This category follows the application from submission to the day preceding the issuance of an operating license. It includes all correspondence and documents with substantive technical content that do not fall into other specific categories. Included are:

1. Application for construction permit.
2. General Information submitted with construction permit application.
3. Amendments and changes submitted by applicants and licensees.
4. NRC questions, requests for additional information, and applicant responses.
5. Early site review.
6. Correspondence and documents relating to unresolved design and construction issues.
7. Meeting announcements and summaries of meeting discussions on issues of item 6.
8. Correspondence regarding the utility Preliminary Safety Analysis Report (PSAR).
9. Information on laws and changes in regulations or policy that affect the status of the application (National Environmental Policy Act (NEPA), Water Quality Improvement Act, Water Pollution Control Act, etc.).
10. Construction Permit, amendments, and correspondence relating to the construction permit and related orders issued by the Office of Nuclear Reactor Regulation (NRR show cause and modifications) not involving the Atomic Safety Licensing and Appeal Board.
11. Scheduling of license application submission or review.
12. Environmental review information (other environmental documents are filed in Categories C, D, P, or R).
13. Seismic qualification review teams (SQRT) reports and related correspondence.
14. Application for operating license.
15. General Information submitted with operating license application.
16. Amendments and changes submitted by applicants and licensees.
17. Correspondence regarding the utility Final Safety Analysis Report (FSAR) and the Updated Final Safety Analysis Report (USAR).
18. Correspondence and documentation on generic technical matters highlighted by an event at another facility which may affect the subject facility; *not covered by an IE Bulletin.*

# 406 CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |        |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|--------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |        |
| 9003270105       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270215         | 9003270055  | 90/02/22         | 50-443 |
| 9003270107       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270217         | 9003270055  | 90/02/22         | 50-443 |
| 9003270109       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270220         | 9003270055  | 90/02/22         | 50-443 |
| 9003270109       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270221         | 9003270214  | 90/03/15         | 50-300 |
| 9003270110       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270222         | 9003270055  | 90/02/22         | 50-443 |
| 9003270112       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270223         | 9003270055  | 90/02/22         | 50-443 |
| 9003270115       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270224         | 9003270219  | 90/03/15         | 70-687 |
| 9003270117       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270225         | 9003270055  | 90/02/22         | 50-443 |
| 9003270118       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270228         | 9003270055  | 90/02/22         | 50-443 |
| 9003270121       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270230         | 9003270055  | 90/02/22         | 50-443 |
| 9003270122       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270232         | 9003270055  | 90/02/22         | 50-443 |
| 9003270123       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270233         | 9003270055  | 90/02/22         | 50-443 |
| 9003270124       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270234         | 9003270055  | 90/02/22         | 50-443 |
| 9003270126       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270238         | 9003270055  | 90/02/22         | 50-443 |
| 9003270127       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270240         | 9003270055  | 90/02/22         | 50-443 |
| 9003270128       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270242         | 9003270055  | 90/02/22         | 50-443 |
| 9003270130       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270246         | 9003270055  | 90/02/22         | 50-443 |
| 9003270132       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270248         | 9003270055  | 90/02/22         | 50-443 |
| 9003270135       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270252         | 9003270055  | 90/02/22         | 50-443 |
| 9003270137       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270253         | 9003270055  | 90/02/22         | 50-443 |
| 9003270138       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270254         | 9003270055  | 90/02/22         | 50-443 |
| 9003270140       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270256         | 9003270055  | 90/02/22         | 50-443 |
| 9003270142       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270258         | 9003270055  | 90/02/22         | 50-443 |
| 9003270144       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270260         | 9003270055  | 90/02/22         | 50-443 |
| 9003270147       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270261         | 9003270055  | 90/02/22         | 50-443 |
| 9003270148       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270263         | 9003270055  | 90/02/22         | 50-443 |
| 9003270149       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270264         | 9003270055  | 90/02/22         | 50-443 |
| 9003270150       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270267         | 9003270055  | 90/02/22         | 50-443 |
| 9003270152       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270268         | 9003270055  | 90/02/22         | 50-443 |
| 9003270153       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270269         | 9003270055  | 90/02/22         | 60-443 |
| 9003270154       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270272         | 9003270055  | 90/02/22         | 50-443 |
| 9003270155       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270273         | 9003270055  | 90/02/22         | 50-443 |
| 9003270157       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270275         | 9003270055  | 90/02/22         | 50-443 |
| 9003270159       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270276         | 9003270055  | 90/02/22         | 50-443 |
| 9003270160       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270277         | 9003270055  | 90/02/22         | 50-443 |
| 9003270161       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270278         | 9003270055  | 90/02/22         | 50-443 |
| 9003270162       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270279         | 9003270055  | 90/02/22         | 50-443 |
| 9003270163       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270281         | 9003270055  | 90/02/22         | 50-443 |
| 9003270168       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270282         | 9003270055  | 90/02/22         | 50-443 |
| 9003270169       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270283         | 9003270055  | 90/02/22         | 50-443 |
| 9003270171       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270284         | 9003270055  | 90/02/22         | 50-443 |
| 9003270172       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270286         | 9003270055  | 90/02/22         | 50-443 |
| 9003270174       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270287         | 9003270055  | 90/02/22         | 50-443 |
| 9003270176       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270289         | 9003270055  | 90/02/22         | 50-443 |
| 9003270177       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270290         | 9003270055  | 90/02/22         | 50-443 |
| 9003270179       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270291         | 9003270055  | 90/02/22         | 50-443 |
| 9003270181       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270293         | 9003270055  | 90/02/22         | 50-443 |
| 9003270182       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270295         | 9003270055  | 90/02/22         | 50-443 |
| 9003270184       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270297         | 9003270055  | 90/02/22         | 50-443 |
| 9003270186       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270298         | 9003270055  | 90/02/22         | 50-443 |
| 9003270188       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270321         | 9003270320  | 90/03/14         | 50-288 |
| 9003270189       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270329         | 9003270328  | 90/03/05         | 50-247 |
| 9003270191       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270362         | 9003270357  | 90/03/20         | WASTE  |
| 9003270193       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270375         | 9003270373  | 90/03/09         | 50-334 |
| 9003270194       | 9003270055         | 90/02/22    | 50-443           | T                | 9003270426         | 9003270425  | 90/03/16         | 50-488 |
| 9003270196       | 9003270192         | 90/03/14    | 50-389           | Q                | 9003270431         | 9003270430  | 90/03/16         | 60-458 |
| 9003270197       | 9003270055         | 90/02/22    | 50-443           | T                | 9003280001         | 9003270397  | 90/03/21         | WASTE  |
| 9003270198       | 9003270195         | 90/03/14    | 50-213           | Q                | 9003280011         | 9003220203  | 90/03/15         | 50-410 |
| 9003270199       | 9003270055         | 90/02/22    | 50-443           | T                | 9003280162         | 9003280152  | 90/03/21         | 50-445 |
| 9003270200       | 9003270055         | 90/02/22    | 50-443           | T                | 9003300118         | 9003300117  | 90/03/26         | 70-25  |
| 9003270202       | 9003270055         | 90/02/22    | 50-443           | T                | 9003300121         | 9003270305  | 90/01/29         | ADVC   |
| 9003270204       | 9003270055         | 90/02/22    | 50-443           | T                | 9003300134         | 9003300133  | 90/03/26         | 40-206 |
| 9003270205       | 9003270055         | 90/02/22    | 50-443           | T                | 9003300135         | 9003300133  | 90/03/26         | 40-206 |
| 9003270207       | 9003270055         | 90/02/22    | 50-443           | T                | 9003300136         | 9003300133  | 90/03/26         | 40-206 |
| 9003270209       | 9003270055         | 90/02/22    | 50-443           | T                | 9003300138         | 9003300133  | 90/03/26         | 40-206 |
| 9003270210       | 9003270055         | 90/02/22    | 50-443           | T                | 9003300142         | 9003300140  | 90/03/16         | 50-443 |
| 9003270211       | 9003270055         | 90/02/22    | 50-443           | T                | 9003300145         | 9003300140  | 90/03/15         | 50-443 |
| 9003270212       | 9003270203         | 90/03/13    | 50-244           | P                | 9003300148         | 9003300140  | 90/03/16         | 50-443 |
| 9003270213       | 9003270055         | 90/02/22    | 50-443           | T                | 9003300149         | 9003300140  | 90/03/15         | 60-413 |
| 9003270215       | 9003270055         | 90/02/22    | 50-443           | T                | 9005020281         | 9003120368  | 90/02/14         | 50-333 |

## A. APPLICATION/CONSTRUCTION STAGE DOCUMENTS AND CORRESPONDENCE

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This category follows the application from submission to the day preceding the issuance of an operating license. It includes all correspondence and documents with substantive technical content that do not fall into other specific categories. Included are:

1. Application for construction permit.
2. General Information submitted with construction permit application.
3. Amendments and changes submitted by applicants and licensees.
4. NRC questions, requests for additional information, and applicant responses.
5. Early site review.
6. Correspondence and documents relating to unresolved design and construction issues.
7. Meeting announcements and summaries of meeting discussions on issues of item 6.
8. Correspondence regarding the utility Preliminary Safety Analysis Report (PSAR).
9. Information on laws and changes in regulations or policy that affect the status of the application (National Environmental Policy Act (NEPA), Water Quality Improvement Act, Water Pollution Control Act, etc.).
10. Construction Permit, amendments, and correspondence relating to the construction permit and related orders issued by the Office of Nuclear Reactor Regulation (NRR show cause and modifications) not involving the Atomic Safety Licensing and Appeal Board.
11. Scheduling of license application submission or review.
12. Environmental review information (other environmental documents are filed in Categories C, D, P, or R).
13. Seismic qualification review teams (SQRT) reports and related correspondence.
14. Application for operating license.
15. General Information submitted with operating license application.
16. Amendments and changes submitted by applicants and licensees.
17. Correspondence regarding the utility Final Safety Analysis Report (FSAR) and the Updated Final Safety Analysis Report (USAR).
18. Correspondence and documentation on generic technical matters highlighted by an event at another facility which may affect the subject facility; *not covered by an IE Bulletin.*

## DEFINITIONS OF DOCKET 50 CATEGORIES

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|--|---|
| 19. Safety Evaluation Reports (SERs) on specific generic issues. | 21. Backup technical documents (e.g., topical reports) submitted in support of the application. |
|  | 22. Proposed equipment failure/instructions.  |
| 20. Reports of site visits.                                      | 23. NRC's changes in internal organizational structure.   |
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### B. UTILITY PRELIMINARY SAFETY ANALYSIS REPORTS (PSAR) AND AMENDMENTS

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- All related correspondence is filed in Category A.
- |   |  |
|---|--|
| 1. Preliminary Safety Analysis Report (PSAR) submitted by utility (formerly called Hazards Summary Report or Safety Analysis Report). | 2. Amendments and changes to the PSAR.     |
|   | 3. Transmittal and acknowledgment letters. |
|   | 4. Certificates of service to the PSAR.    |
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### C. UTILITY ENVIRONMENTAL REPORT (ER), AMENDMENTS AND CORRESPONDENCE

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- |   |  |
|---|--|
| 1. Environmental Report (ER) submitted by the utility.                          | 6. Federal Register notices citing the availability of items 1 and 2.                              |
| 2. Amendments and supplements to the ER.  | 7. Correspondence relating to the review of ER.  |
| 3. Transmittal and acknowledgment letters.                                      | 8. Meeting announcements or reports of meetings where the primary subject of discussion is the ER. |
| 4. Information on scheduling of submittal or review of ER.                      | 9. Correspondence relating to certification of pollution control devices.                          |
| 5. NRC questions, requests for additional information, and applicant responses. | NOTE: Other environmental documents are filed in Categories A, D, P, or R.                         |

## DEFINITIONS OF DOCKET 50 CATEGORIES

### D. NRC DRAFT AND FINAL ENVIRONMENTAL (IMPACT) STATEMENTS (DES AND FES), SUPPLEMENTS AND CORRESPONDENCE

- |  |   |
|--|---|
| 1. Draft and Final Environmental (Impact) Statements (DES and FES) prepared by NRC.  | 7. Backup technical documents submitted in connection with above.   |
| 2. Supplements to the DES and FES.   | 8. Federal Register notices citing availability of items 1 and 2.   |
| 3. Correspondence relating to the DES and FES.   | 9. Reports of site visits to obtain information for the DES or FES.   |
| 4. Comments from other Federal, State, and local government agencies; organizations; and interested individuals.                       | 10. Meeting announcements or reports of meetings where the primary subject of discussion is the DES or FES. |
| 5. Transmittal and acknowledgment letters.   |   |
| 6. Documents related to NRC review of environmental issues or of the ER obtained for purposes of writing the environmental statements. | NOTE: Other environmental documents and correspondence are filed in Categories A, C, P, or R.               |

### E. NRC SAFETY EVALUATION REPORTS (SER), SUPPLEMENTS AND CORRESPONDENCE

- |  |  |
|--|--|
| 1. Formal Safety Evaluation Report (SER) prepared by NRC (formerly called NRC-AEC Hazard Analysis Report) in review of PSAR. | 6. Requests for additional information for use in preparing SER; responses to such requests.   |
| 2. Supplements to the SER.   | 7. Meeting announcements or reports of meetings where the primary subject of discussion is the SER.  |
| 3. Correspondence relating to the SER and supplements.   | 8. Transmittal and acknowledgment letters.   |
| 4. Federal Register notices citing availability of items 1 and 2.  |  |
| 5. Information on scheduling of SER submittals and review.   | NOTE: Other documents dealing with specific safety-related issues are filed in Categories A, P, or W, depending on the phase of the licensing process. |

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## DEFINITIONS OF DOCKET 50 CATEGORIES

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### F. SECURITY, MEDICAL, EMERGENCY, AND FIRE PROTECTION PLANS

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All plans in this category are individual submissions. Emergency and Fire Protection Plans submitted as part of the licensing application are filed in this category.

1. Fire Hazard Protection Plans and surveys.
2. Plant evacuation correspondence.
3. Safeguards Contingency Plans.
4. Health Physics Program and its review.
5. Emergency Plans.
6. Correspondence relating to aforementioned plans.
7. Supplements, changes, and revisions to plans.
8. Correspondence and documentation relating to Appendix R of 10 CFR Part 50 (fire protection), guard training, emergency response centers, and emergency preparedness.
9. Transmittal and acknowledgment letters.
10. Meeting announcements and reports of meetings where the primary subject of discussion is related to the aforementioned plans and topics covered in item 8.

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### G. LEGAL AND ADJUDICATORY CORRESPONDENCE

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This category contains all non-antitrust legal and adjudicatory documentation, except for transcripts, briefings, and testimony, which are filed in Category T. Show-cause orders and modification orders issued by the Office of Nuclear Reactor Regulation (NRR) (not before the Board) are filed in Categories A and P. Exhibits to the proceedings (Hearings) are located in the PDR but are available upon request to the PDR from the Docketing and Service Branch, Office of the Secretary.

1. Atomic Safety and Licensing Board (ASLB) and Atomic Safety and Licensing Appeal Board (ASLAB) hearing-related documents.
2. Federal Register notices regarding hearings.
3. Requests to make appearances at hearings.
4. Motions, briefs, arguments, statements, and related correspondence filed by participants for hearings.
5. Transmittal of supporting documents (e.g., SER, FES) to the Boards.
6. Correspondence to and from intervenors.
7. Board orders and decisions.
8. Petitions for Commission action.
9. Legal filings and Commission orders and decisions resulting from item 8.

NOTE: Since 1982, letters of concern, support, or opposition for all plants are filed in a General Public Comments folder.

# DEFINITIONS OF DOCKET 50 CATEGORIES

## H. GENERAL CORRESPONDENCE

This category includes documents with little or no bearing on the status of the application or license. Items that have no substantive technical content and administrative documents are included.

1. Change of address notifications (external only).
2. Changes in structure of organization (external only).
3. Changes in service lists.
4. NRC requests to applicants for additional copies of documents.
5. Correspondence from the public requesting information about the facility and NRC responses.
6. Correspondence on strictly administrative matters.
7. Letters of support, concern, or opposition to the facility.
8. Correspondence regarding the Local Public Document Rooms (LPDRs).
9. Professional qualification statements not pertaining to the hearing process.
10. Constituent, organizational, or utility correspondence forwarded by Congressman to NRC for response.
11. Resolutions passed by State and local governing bodies (e.g., town councils).

NOTE: Since 1982, letters of concern, support, or opposition for all plants are filed in a General Public Comments folder.

## I. FINANCIAL INFORMATION

This category contains all financial information except that submitted as part of the application or its amendments or relating to the imposition of civil penalties.

1. Company annual reports, auditor statements, and stock prospectuses for all companies holding ownership.
2. Separately submitted financial information and related correspondence.
3. Transcripts and testimony before State commissions pertinent to financial information requested by NRC.

## J. INSURANCE AND INDEMNITY INFORMATION

1. Indemnity agreements and amendments.
2. Endorsements of insurance policies.
3. Other correspondence regarding indemnity and insurance matters.

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## DEFINITIONS OF DOCKET 50 CATEGORIES

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### K. UTILITY FINAL SAFETY ANALYSIS REPORT (FSAR), UPDATED FINAL SAFETY ANALYSIS REPORTS (USAR), AND AMENDMENTS

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|--|--|
| <p>1. Final Safety Analysis Report (FSAR), (formerly called Final Hazards Summary Report), submitted by the utility.</p> <p>2. Updated Final Safety Analysis Report (USAR) submitted by the utility and periodically updated to incorporate new information or modifications to the facility.</p> <p>3. Amendments and changes to the FSAR and USAR.</p> | <p>4. Federal Register notices citing availability of the FSAR and amendments.</p> <p>5. Transmittal and acknowledgment letters.</p> <p>6. Certificates of service to the FSAR and USAR.</p> <p>NOTE: All related correspondence falls in Category A or P. Emergency and Fire Protection Plans submitted as part of the licensing application are filed in Category F.</p> |
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### L. LIMITED WORK AUTHORIZATIONS (LWA) AND RELATED CORRESPONDENCE

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This category is limited to documents pertaining to Limited Work Authorizations (LWAs) whereby applicants can carry out limited site preparation and construction prior to the granting of a Construction Permit.

1. Limited Work Authorizations (LWAs) and amendments
  2. Correspondence pertaining to work performed under LWAs.
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### M. ANTITRUST REVIEWS AND ANTITRUST CORRESPONDENCE

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|--|--|
| <p>1. Documents submitted as part of the application for a Construction Permit and Operating License entitled "Information Requested by the Attorney General for Antitrust Review".</p> <p>2. Correspondence where the primary topic of discussion is antitrust matters.</p> | <p>3. All antitrust proceeding documents, except for hearing transcripts, testimony, and briefings, which are filed in Category N.</p> |
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### N. ANTITRUST HEARING TRANSCRIPTS, TESTIMONY, AND BRIEFINGS

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This category contains word-for-word transcripts of hearings, testimony, and briefings in antitrust matters. Related correspondence falls in Category M.



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## DEFINITIONS OF DOCKET 50 CATEGORIES

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### ADVISORY COMMITTEE ON REACTOR SAFEGUARDS (ACRS) REPORTS AND CORRESPONDENCE

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Category contains plant-specific documents pertinent to ACRS safety reviews.

ACRS reports relating to facility license applications.

Announcement of ACRS meetings relating to facility license applications, including description of meeting agendas.

Statements and written testimony of ACRS members or presented by individuals at ACRS proceedings.

ings, relating to both facility license applications and safety-related matters.

4. Technical correspondence, and memoranda to and from ACRS, including transmittal and acknowledgment letters relating to facility license applications.

NOTE: For generic and document-specific safety-related material, transcripts of ACRS subcommittee and full committee meetings, minutes, and ACRS reports (consultant, contract, and letter), see ACRS file category.

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### P. OPERATING LICENSE STAGE DOCUMENTS AND CORRESPONDENCE

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Category assumes the position of the Application/Construction Stage (Category A) file for general technical documents from the issuance of the operating license to application for termination of the license.

Operating license, amendments, proposed amendments, changes, and related correspondence.

Stop-work and modification orders issued by NRC (not before the Board) for the operating license.

Technical specifications and changes.

Backup technical documents (e.g., topical reports) submitted in support of items 1 and 2.

Federal Register notices citing availability of item 1 and the FSAR.

Correspondence regarding the utility Final Safety Analysis Report (FSAR) and/or the Updated Final Safety Analysis Report (USAR).

7. All general technical correspondence, meeting announcements or meeting summaries relating to Technical Specifications, the Operating License or technical issues arising after the issuance of the Operating License.

8. Correspondence regarding codes (e.g., American Society of Mechanical Engineers), regulations, laws, or changes in policy that may affect plant operation or bear on the Operating License.

9. Information on the Standard Review Plan (SRP).

10. Results of surveys or tests conducted in accordance with the Technical Specifications (not periodic reports, which fall in Category R).

11. Correspondence relating to NRC's Systematic Evaluation Program (SEP).

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## DEFINITIONS OF DOCKET 50 CATEGORIES

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| 12. Owner's group meeting announcements and reports.   | 19. Start-up test reports.   |
| 13. Quality assurance information.   | 20. Correspondence and documentation on generic technical matters highlighted by an event at another facility which may affect the subject facility; <i>not covered by an IE Bulletin.</i> |
| 14. Environmental matters (technical).   | 21. SERs on specific generic issues.   |
| 15. Seismic qualification review team (SQRT) reports and related correspondence.   | 22. Proposed equipment failure/instructions.   |
| 16. Emergency core cooling system documents.   | 23. Inservice testing (not inspections).   |
| 17. Radioactive waste information excluding onsite storage of low-level waste, filed in Category X, and independent spent fuel installations of high-level waste, filed in Category Y. | 24. Reports of site visits.  |
| 18. Correspondence regarding expansion of spent fuel storage pool.   | 25. Application to voluntarily surrender license, dismantle, and dispose of component parts.   |
|  | 26. Changes in NRC's internal organizational structure.  |
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### Q. INSPECTION REPORTS; OFFICE OF INSPECTION AND ENFORCEMENT RESPONSE TO BULLETINS, CIRCULARS AND INFORMATION NOTICES, CIVIL PENALTIES, AND RELATED CORRESPONDENCE

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| 1. Inspection reports.   | 7. Correspondence and orders relating to imposition and payment of civil penalties, including Notification of Significant Enforcement Actions (ENs). |
| 2. Responses to IE Bulletins (formerly called Regulatory Operations (RO) Bulletins), Circulars (not published since 1981) and Information Notices. | 8. Any correspondence relating to inspection and enforcements that does not specifically relate to incidents or events as defined in Category S.     |
| 3. Responses by applicant to IE correspondence.  | 9. Health physics inspections/appraisals.  |
| 4. Applicant's determination of proprietary nature of Inspection Reports.  | 10. Emergency preparedness inspections/appraisals.   |
| 5. Letters concerning areas of noncompliance.  | 11. Inspections and related correspondence from the International Atomic Energy Agency.  |
| 6. Pre-service and in-service inspections and procedures.  | 12. Systematic Assessment of Licensee Performance (SALP).  |

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## DEFINITIONS OF DOCKET 50 CATEGORIES

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13. Construction Appraisal Team/Construction Assessment Team (CAT) reports.

A. Integrated Design Inspection (IDI) reports.

B. Independent Design Verification Program (IDVP) reports.

14. Notice of significant licensee meetings.

15. Performance Appraisal Team (PAT) reports.

16. Licensee/Vendor interface inspections.

17. Correspondence relating to items 12, 13, 14, 15 and 16.

NOTE: For IE Bulletins and Information Notices, see I&E file series.

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### R. PERIODIC OPERATING REPORTS AND RELATED CORRESPONDENCE

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This category includes periodic reports of a routine nature.

1. Monthly, semiannual, or annual operating reports (other than financial) for construction and operating stages.

2. Periodic environmental monitoring, effluent testing, or similar reports.

3. Periodic personnel exposure reports.

4. Periodic nonconformance reports (issued pursuant to Board orders).

5. Operational Logbooks on Environmental Data, Radiological Data, operating log on plant systems core, plant status summary sheets.

6. Correspondence or other documents relating to the items listed.

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### S. REPORTABLE OCCURRENCES, PNOs, PNSs, AND RELATED CORRESPONDENCE

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This category contains all materials relating to abnormal, unusual, reportable, or nonroutine occurrences or events. These include:

1. All 24-hour, 10-day, 30-day, interim and final Licensee Event Reports (LERs) and follow-up correspondence (also called Incident Reports, Abnormal Occurrence Reports and Reportable Occurrences).

2. Potential or possible reportable Deficiency Reports and related correspondence.

3. Individual Personnel Exposure Reports.

4. Construction Deficiency Reports submitted under 10 CFR 50.55(e).

5. Preliminary Notification of Occurrence (PNOs) and Preliminary Notification of Safeguards Events (PNS).

6. Environmental Technical Specifications Violation Reports and Environmental Event Reports.

7. Part 21 Reports or Defects and Noncompliance.

8. Correspondence or other documents relating to items 1-7.

# DEFINITIONS OF DOCKET 50 CATEGORIES

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NOTE: For PNOs and PNSs, see I&E file series.

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## T. TRANSCRIPTS, TESTIMONY AND BRIEFINGS ON NON-ANTITRUST MATTERS

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This category contains all word-for-word transcripts, testimony, and briefings, except for congressional matters (Category V), and antitrust matters (Category N).

4. NRC staff briefings to the Commission.
5. Statements and written testimony submitted at Commission meeting or hearings.
6. Transcripts of utility briefs to NRC staff.
7. Corrections to above items.

1. Atomic Safety and Licensing Board (ASLB) and Atomic Safety and Licensing Appeal Board (ASLAB) transcripts.
2. Testimony and statements submitted to ASLB and ASLAB.
3. Commission meeting transcripts.

NOTE: Transcripts on specific dockets are also filed on ACRS and 9.21 files series.

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## U. CONGRESSIONAL/EXECUTIVE CORRESPONDENCE

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1. Statements and testimony before Congress or before bodies/committees appointed by the Executive or Legislative Branches.
2. Information supplied for the record of Congressional hearings.
3. Correspondence to and from Congress and the Executive Branch on other than constituent response matters.

4. Correspondence to or from State Legislative bodies.

NOTE: This category contains correspondence on substantive matters. Routine responses to constituent inquiries are filed in Category H.

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## V. LICENSING OF OPERATORS AND RELATED CORRESPONDENCE

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1. Information bearing on licensing operators and shift engineers.
2. Power plant examination summary sheet.

3. Correspondence pertaining to operator examinations.

This file assumes the position of the Operating License Stage (Category P) file for general technical items from the order for termination of the operating license onward.

1. Order granting authority to dismantle/decommission.
2. Technical documents submitted, such as: Decommissioning Plan, Dismantling Plan, Environmental

Report on Dismantling, Safety Analysis Report on Decommissioning.

3. Documents relating to disposal of radioactive material and decontamination of the site.
4. Other correspondence relating to decommissioning.
5. All documentation relating to the ongoing operation of the plant, formerly filed in Category P.

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## X. ONSITE STORAGE OF LOW-LEVEL WASTE

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1. License application, license, proposed amendments and amendments to store low-level waste at a commercial reactor.
2. All related correspondence and reports.

NOTE: These documents will also have a Nuclear Materials Safety and Safeguards (NMSS) license or Docket-30 number associated with the Docket-50 number.

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## Y. INDEPENDENT SPENT FUEL STORAGE INSTALLATIONS (ISFSI)

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1. License applications, licenses, amendments and proposed amendments to possess power reactor spent fuel and other radioactive materials associated with spent storage in an independent spent fuel storage installation. (Such spent fuel storage installations may be on a reactor site or at a separate site.)

2. All related correspondence and reports to the above.

NOTE: These documents will have an NMSS license and/or a Docket-72 number. For these installations on a reactor site, the associated Docket-50 number also has been identified.

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## APPENDIX B

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### DEFINITIONS OF NONDOCKETED CATEGORIES

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#### 10 CFR 9.21 – Commission Meeting Records

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| Documentation pertaining to open and closed Commission meetings.   | 5. Verbatim unofficial and official transcripts or portions of transcripts of open and closed Commission meetings made publicly available in accordance with provisions of 10 CFR Part 9, the Sunshine Act, and Commission policies. |
| Sunshine Act Federal Register notices.   |  |
| All, written explanation of closed meetings.   | 6. Enclosures to released transcripts, including applicable viewgraphs, staff papers, and staff correspondence.  |
| Certification by the General Counsel on closed meetings.   | 7. Staff Requirements Memoranda for open meetings; memoranda of record; record of votes of Commissioners on items under consideration at meetings.   |
| Commission Determination Statements signed by the Secretary regarding the public disclosure of transcripts of Commission meetings. |  |
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#### ACRS – Advisory Committee on Reactor Safeguards

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| Category contains documents pertaining to safety-related areas reviewed by ACRS. ACRS serves as an independent advisory committee to the Commission. | ings related to both facility license applications and safety-related matters.   |
| ACRS reports relating to safety-related matters.   | 5. Minutes of ACRS subcommittee and full committee meetings relating to both facility license application and safety-related matters.      |
| Announcements of ACRS meetings relating to safety-related matters, including description of meeting agendas.   | 6. ACRS consultant reports, comments and related correspondence relating to both facility license applications and safety-related matters. |
| Transcripts of ACRS subcommittee and full committee meetings relating to both facility license applications and safety-related matters.              | 7. Technical correspondence, and memoranda to and from ACRS pertaining to safety-related matters.  |
| Statements and written testimony of ACRS members or presented by individuals at ACRS proceedings.  | 8. General correspondence and related material about ACRS, but not authored by ACRS or its consultants.                                    |

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## DEFINITIONS OF NONDOCKETED CATEGORIES

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NOTE: For Docket-specific technical correspondence, memoranda and announcements of ACRS meetings, see category O of Docket 50 series.

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### ADVCM – NRC Advisory Committees

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This category contains documentation pertaining to the responsibilities of all NRC advisory committees other than the Advisory Committee on Reactor Safeguards. Documents in this category include:

1. Charters of each advisory committee.
  2. Meeting announcements; description of meeting agenda.
  3. Minutes and verbatim transcripts of committee meetings.
  4. Committee-generated reports, memoranda, and correspondence that are publicly available.
  5. Committee-related correspondence.
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### COMMISSION – NRC Commissioner Correspondence

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Contains documentation pertaining to the daily conduct of Commission business in the Office of the Commissioner.

1. Incoming and outgoing Commission-level correspondence to and from the Commissioners relating to official NRC business, including reports and other enclosures to the aforementioned.
2. Travel vouchers, telephone logs and official appointment calendars of participating Commissioner (placed in the PDR at the discretion of individual Commissioners).
3. Speeches, interviews, and testimony given by Commissioners at meetings, symposia, and Congressional hearings.
4. Weekly Information Reports (SECY series number) prepared by the Executive Director for Operations (EDO) for the Commissioners, providing a summary of key events and items of interest undertaken by individual staff and program offices.

NOTE: For transcripts of Commission meetings, see 10 CFR 9.21. For all other staff papers with a SECY series designation prepared for Commission review, see SECY file category.

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### CONTRACT – NRC Contracts and Modifications

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Contains documentation pertaining to AEC and NRC contracts, grants, and Interagency Agreements.

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## DEFINITIONS OF NONDOCKETED CATEGORIES

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Notification of contracts and grant execution, specifying contract number; project title; contractor name; contract type; funding and period of performance.

2. Contractual documents and modifications to contracts.

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### DISCLOSURE – Financial Disclosure Information

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Contains financial disclosure and conflict of interest information submitted by certain NRC employees in accordance with the Ethics in Government Act of 1978.

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### FOIA – Freedom of Information Act Requests and Appeals

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Contains requests for agency records and information and records released in accordance with the provisions of the Freedom of Information Act (FOIA), or denial.

Requests made under the FOIA for NRC records (each is assigned a sequential identification number based on the year that the request is made, so that 89-100 refers to the 100th FOIA request made in 1989).

2. Correspondence between the NRC and the requester relevant to the processing, appeal, denial or granting of an FOIA request, and appeal of a denial.
3. Records or portions thereof released in response to FOIA requests made under FOIA appeals.

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### GEN TECH IS – Generic Technical Issues

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Contains records pertaining to unresolved safety issues of generic nature that are being analyzed by the NRC Office of Nuclear Reactor Regulation (NRR).

Draft reports of action plans to accomplish generic tasks in the NRR program.

Correspondence with industry and within NRC dis-

cussing methodologies, analyses, the program and technical aspects of issues.

3. Meeting notifications and minutes.
4. Interim findings and status reports on generic tasks addressing related aspects of Generic Technical Issues.

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### I&E – Inspection and Enforcement Issuances

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Contains bulletins, circulars and information notices are issued by the NRC Office of Inspection and Enforcement. These issuances describe some event that occurred at a facility that may require some follow-

up action by the licensee. Also included in this category are draft bulletins and information notices (I&E Misc), Preliminary Notifications of Events or Unusual Occurrences (PNOs), Preliminary Notifications of Safeguards



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## DEFINITIONS OF NONDOCKETED CATEGORIES

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### Events or Unusual Occurrences (PNSs), and Notifications of Significant Enforcement Actions (ENs).

1. I&E Circulars, which describe an event at a licensed facility and are informational in nature (discontinued in 1981).
2. I&E Information Notices, which are similar to circulars but are preliminary in nature and issued shortly after an event has occurred.
3. I&E Bulletins, which describe an event at a licensed facility and request all recipients to perform certain actions as a result of that event.
4. Draft I&E Bulletins and Information Notices which are being considered for issuance, and related comments and evaluations.
5. Preliminary Notifications of Events or Unusual Occurrences (PNOs), which provide updated information of an event of safety or public interest.
6. Preliminary Notifications of Safeguards Events or Unusual Occurrences (PNSs), which provide early notice of events of possible safety significance.
7. Notification of Significant Enforcement Actions (ENs), which provide information on a Notice of Violation and Proposed Imposition of Civil Penalties.

NOTE: For utility responses to such issuances and related correspondence, see Categories Q and S of file.

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### MISC—Public Document Miscellaneous

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Contains documents about topics not included in the scope of the other non-docketed categories.

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### NUREG—Staff and Contractor Formal Reports, Conference Proceedings, Brochures, and Related Correspondence

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Formal reports on regulatory, technical, and administrative issues of interest to staff, industry, other Governmental entities, and the public are published in the NUREG series.

1. Results of licensing studies of specific plants or facilities preliminary to licensing actions.
2. Results of analyses of general or specific problems of a regulatory or technical nature that are of interest to a major segment of the industry.
3. Action and review plans, as well as guidance, for meeting NRC requirements.
4. Task force reports on specific topics.
5. Proceeding of conferences and workshops.
6. Management and program analysis reports.
7. Statistical analyses that are of interest to the staff, the industry, and the public.
8. Administrative reports that are of interest to the staff, the industry, and the public.
9. Correspondence from industry, government, and the public commenting on reports.

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## DEFINITIONS OF NONDOCKETED CATEGORIES

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Internal NRC memoranda summarizing meetings or discussions pertaining to the contents of the reports.

NOTE: NUREG reports on specific plants or facilities are filed in Docket 50 Categories A, P, E, or D.

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### ORG — Organization File

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Internal correspondence with professional organizations, Government agencies, and associations with which NRC is in contact; records other than Regulatory Guides that pertain to NRC's activities in standards development; records pertaining to specific NRC offices; emergency petitions not assigned Petition for Rulemaking (PRM) numbers that request the Commission to take immediate action on some issue.

agencies in which both parties have joint regulatory responsibility; e.g., EPA has authority to control all radioactive pollutants emitted into the air.

Meeting summaries and technical correspondence between NRC and professional associations and international bodies, such as the Atomic Industrial Forum and the International Atomic Energy Agency.

3. Internal memoranda, correspondence between NRC and Congress, and other technical correspondence dealing with the role and activities of the Office of Nuclear Regulatory Research in developing standards.

Correspondence between NRC's Office of Nuclear Regulatory Research and other Government

NOTE: For Regulatory Guides and comments on Regulatory Guides issued by the NRC Office of Nuclear Regulatory Research, see the REGGD file category. For petitions for rulemaking filed by the public to amend, rescind or change an NRC regulation, see the PRM file category.

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### PR — Proposed Rule

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Records dealing with NRC staff proposals to amend, or repeal a Commission regulation. Proposals (PRs) can be initiated as a result of a Commission directive; a staff proposal; or as a result of a Commission determination that sufficient grounds exist to proceed with a petition for change in an NRC regulation (PRM) filed by an outside party or person.

4. Comments, statements, information, opinions, or arguments on the proposed change to a part of the Code of Federal Regulations, Title 10.
5. Requests from the nuclear industry, organizations, and other parties for written interpretation of the PR.

Federal Register notice stating the terms or substance of the proposed rule, or a specification of the subject and issues involved.

Text of the Proposed Rule (PR).

NOTE: For staff recommendations to the Commission on whether a PR should be adopted, see the SECY file category. For Commission review of staff recommendations, see the 10 CFR 9.21 file category.

Staff and generic proposed rules and Federal Register notices (PR Misc.).

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## DEFINITIONS OF NONDOCKETED CATEGORIES

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### PRM—Petition for Rulemaking

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Contains records dealing with petitions filed with the Commission by an outside party to issue, amend or rescind an NRC regulation.

1. Petitions filed by any interested person or party to issue, amend, or rescind an NRC regulation.
2. Federal Register notice of the filing of the petition.
3. Correspondence between NRC and the Petitioner relevant to the status and substance of the petition.

4. Comments from the nuclear industry, professional associations, public interest groups, and others in favor of or in opposition to the PRM.

5. Statements, motions, orders, and correspondence dealing with emergency petitions filed by parties on such topics as fire protection and a reanalysis of the capacity of operating U.S. plants to withstand earthquakes.

NOTE: For staff recommendations to the Commissioners on whether the PRM should be denied or issued as a Proposed Rule, see the SECY file category. For Commission review of staff recommendations, see the 10 CFR 9.21 file category.

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### PROJ—Projects

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Contains records pertaining to two classes of projects: (1) commercial nuclear power plants for which NRC has full licensing responsibilities; and (2) Government-owned reactors for which NRC provides technical expertise and occasional review. Both classes are identified with a "P" prefix, followed by a series of numbers.

1. "Pre-docketed" commercial nuclear power plants

These files contain all documentation up until the time that the NRC considers the application and the Safety Analysis Report (PSAR) is submitted by the utility complete enough for staff review. The unit is then assigned a docket number and the file transferred to the Docket-50 series category.

The documents are grouped together in categories, designated by alphabetic characters. These are the same categories as those used for the Docket-50 series.

#### A. Application/Construction Stage

1. Application submitted by the utility.

2. Meeting notices, summaries and correspondence discussing the completeness and adequacy of the Preliminary Safety Analysis Report (PSAR).

3. Applicant Quality Assurance Manual.

4. Early site review information.

5. Backup technical documents submitted in support of the application.

6. Early site visits.

#### B. Utility Preliminary Safety Analysis Report (PSAR) and Amendments

1. PSAR submitted by the utility.

2. Amendments and change to the PSAR.

3. Transmittal and acknowledgment letters.

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## DEFINITIONS OF NONDOCKETED CATEGORIES

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### **Adjudicatory Correspondence**

Motions, briefs, orders, etc., pertaining to pre-hearing conferences, if any.

2. Notices of deviations.

3. Follow-up correspondence resolving deviations cited.

### **Antitrust Correspondence**

Submittals and related materials pertaining to the antitrust review.

2. Government-owned reactors

### **Inspection Reports**

Inspection reports of the applicant quality assurance program.

Meeting summaries and technical correspondence between NRC and other Government technical people relating to test reactors, critical experiments, and Department of Defense (DOD) reactors on U.S. Naval ships and other sites.

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## PT 21 – 10 CFR Part 21 Deficiency Reports

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Deficiency reports submitted in compliance with Part 21 of 10 of the Code of Federal Regulations.

2. Correspondence pertaining to the NRC review of reports to assess the possibility of generic defects.

Reports by firms involved in the nuclear industry reporting noncompliance with NRC regulations or the existence of defects which could create a substantial safety hazard.

3. NRC inspection reports of defects cited.

4. Correspondence specifying appropriate follow-up actions taken by the Agency.

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## QA 999 – Quality Assurance Inspections

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Inspection reports of vendor licensee interface from vendor's view, vendor products, vendor programs and equipment environmental qualification testing follow-up correspondence. Each vendor is assigned a docket number and is a part of the QA 999 section.

1. NRC inspection reports of vendor facilities that cover the design, fabrication and testing of components for use in nuclear facilities and vendor/licensee interface.

2. Notices of deviation.

Companies are defined as companies, both U.S. and foreign, that are engaged in the design, manufacture, or supply of both nuclear components, or supplying services to the nuclear industry. The controlling criteria are found in 10 CFR Part 21, 10 CFR Part 50, PSAR and submittals by utilities for specific facilities, and QA Topical Reports.

3. Vendor corrective actions and other follow-up correspondence associated with resolution of inspection findings.

NOTE: For vendor licensee interface inspection from licensee's view, see Docket 50 Category Q.

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## DEFINITIONS OF NONDOCKETED CATEGORIES

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### REGGD—Regulatory Guides

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Contains new and revised Regulatory Guides and related correspondence. These guides describe to the industry and to the public methods acceptable to the NRC staff for implementing specific parts of the NRC regulations. They also delineate techniques used by the staff in evaluating specific problems or postulated accidents or provide guidance to applicants.

1. Federal Register notices announcing the issuance and availability of a proposed Regulatory Guide.
2. Revised or newly issued Regulatory Guides.
3. NRC value/impact assessment.

4. Comments submitted by the nuclear industry and interested members of the public regarding a proposed Regulatory Guide.

5. Summary of meetings held in the NRC to discuss proposed Regulatory Guides.

NOTE: For documentation pertaining to other work products and activities of the NRC Office of Nuclear Regulatory Research, which is responsible for standards development, see the Organization (ORG) file category. Industry codes and standards cited in Regulatory Guides are available for reference use only in the NRC Library.

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### RES—Research and Technical Assistance Reports

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Contains reports, generally interim, submitted by NRC contractors providing research and technical assistance to the Commission. It also includes documentation pertaining to research activities of the Commission.

1. *Technical letter reports* provide information on the technical aspects of work by contractors or other government agencies and their contractors. These letter reports may consist of transmittal letters with interim or final informal reports attached, or the technical information may be incorporated in the body of the letter. The form and frequency of reporting is specified in the Contract Statement of Work.

- a. Interim technical letter reports provide information on the technical aspects of the work at various stages and form a basis for development of the formal reports required by the contract. Interim technical letter reports may include, but are not limited to, informal (interim) progress reports, "quick-look" reports, data reports, project descriptions, pretest

predictions, model verifications, experiment safety analyses, experiment operating procedures, facility certification reports, and test results.

b. Final technical letter reports are prepared to record the results of contract work that comprises review and evaluation of the work of others or work to be used by the staff in the licensing and regulation process. These technical letter reports are not followed by a formal report.

2. *Formal technical reports*, which may be periodic progress reports on long-term projects or final reports, are published in the NUREG/CR series. These reports are final products of research, original investigations, or significant compilations of information, or they may be progress reports.

3. *Research Information Letters (RILs)* summarize research information for staff use. They are prepared in the NRC Office of Nuclear Regulatory Research (RES).

# DEFINITIONS OF NONDOCKETED CATEGORIES

4. *Conference Proceedings* report the information presented at conferences sponsored or co-sponsored by NRC. Sponsorship or co-sponsorship by NRC requires that the subjects covered be of interest and value to NRC.

NOTE: For final reports of research conducted by contractors and conference proceedings, see NUREG reports series file. See also the WMRES file for research reports on disposal of high level waste.

## REVIEW GRP—Research Review Groups

Contains records pertaining to the activities of internal and external Research Review Groups. Such groups provide a broad base of technical expertise to aid management in reviewing research in defined technical areas. They review and comment on research plans and predicted results of major experiments, the validity and applicability of research results; possible redirection of research projects; new research projects; and priorities within the technical areas covered by the Research Preview Group.

1. Agendas for quarterly Review Group meetings.
2. Summary minutes of Review Group meetings representing views expressed, including dissenting views.

3. Research plans and predicted results of major experiments and presentations by research contractors.

4. Comments on meetings from attendees, including representatives from contractors, universities, vendors, and other agencies.

5. Internal memoranda relating to topics under discussion.

6. Correspondence related to items 1 through 5.

## RM — Rulemakings

Contains records pertaining to public hearings held on proposed changes to the Commission's regulations. Hearings are instituted at the discretion of the Commission based on the importance and the magnitude of the subject under consideration.

1. Designations of the presiding officer and any special directions for the conduct of the hearing.
2. Notifications of Hearing Board meetings.

3. Petitions, motions, testimony, and statements submitted by parties to the hearings.

4. Hearing Board orders and rulings.

5. Technical reports submitted as evidence in the proceedings.

6. Reports, if any, of the special Board to the Commission regarding the subject proceeding.

## SECY—Staff Papers (Generally Referred to as SECY Papers) Before the Commission

Includes staff papers prepared for the information or approval of the Commission. They are assigned a SECY report series code.

1. Policy Issue Papers are used to present matters relating to policy formulation.

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## DEFINITIONS OF NONDOCKETED CATEGORIES

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2. Rulemaking Issue Papers are used to present rulemaking activities of the Commission.
3. Adjudicatory Issue Papers are used to present matters relating to the granting, suspending, revoking or amending of licenses, or construction permits for nuclear power plants, and activities in which the Commission has an interest.
4. Information Papers are used to provide information to the Commission. Some (e.g., the weekly report of the Executive Director for Operations) provide general information about agency activities without specific reference to policy formulation, rulemaking, or adjudication.

These categories of staff papers may be issued as one of the following: (a) a Commission Meeting paper to be discussed at a Commission meeting; (b) an Affirmation paper which does not require interactive discussion among the Commissioners in a Commission meeting, but by law must be voted upon by the Commissioners in

the presence of each other; (c) a Notation Vote paper which does not require interactive discussion among all Commissioners or formal vote in a meeting, thereby lending itself to a written notation process; (d) a Negative Consent paper which contains issues which the Commission would like brought to its attention before action is taken but which do not require the formality of a Commission vote, and (e) Information Papers which provide information to the Commission and do not call for any action by the Commission.

As a general practice, papers that are regularly released to the public include those that are the subject of discussion at a public meeting of the Commission and those that address unclassified matters pertaining to the export and import of nuclear equipment and material.

NOTE: For Weekly Information Reports prepared by the NRC Office of the Executive Director for Operations to the Commission providing a summary of key events and items of interest undertaken by staff and program offices, see the Commission Correspondence file.

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## STATE PROG -- State Programs

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Contains records that pertain to the Commission's relations with State Governments. Areas covered include: (1) the State Agreements Program, whereby States may assume certain of the NRC's regulatory authority over nuclear materials; and (2) a wide range of liaison and cooperative activities regarding such functions as licensing and siting.

1. Correspondence between and among NRC Office of Governmental and Public Affairs and State officials, mostly State liaison officers and radiation control management health officials, regarding:
  - a. Cooperative programs in such technical areas as radiological incidents, water quality, radioactive waste disposal, and transportation surveillance.
  - b. NRC review of Agreement State radiation control program.

- c. Technical assistance to Agreement States in reviewing applications, compliance actions, developing regulations, and in other areas.
2. Agendas, reports, and transcripts of regional workshops and training programs on current matters of policy and regulations, i.e., decommissioning and radioactive waste disposal.
3. State Legislative Reports (discontinued as of December 1984).
4. Agreement State Licensing Statistics Reports (discontinued as of December 1984).

NOTE: For specific uranium milling and mining projects in which the Agency is providing technical assistance to States, see the Projects series file category.

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## DEFINITIONS OF NONDOCKETED CATEGORIES

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### TOPREP—Topical and Vendor Reports and Correspondence

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Contains Topical Reports, generally of a technical generic nature, submitted by vendors, and correspondence pertaining to the NRC review of these reports. Vendor-related correspondence that is not docket-specific and documents generated by vendor-related Owner's Groups are also included in this category.

1. Topical reports, dealing with such technical matters as specifications, testing, and safety that are submitted by architects, engineers and other vendors.
2. Revisions, modifications, and amendments to Topical Reports.
3. Correspondence between NRC and vendors pertaining to the review of submittals.
4. Meeting agendas, summaries, minutes and correspondence pertinent to vendor activities, programs, methodologies, and design criteria.
5. Vendor-related Owner's Group meeting announcements, agendas, summaries, reports, and correspondence.

NOTE: For reports submitted by utilities that are written by vendors on their behalf and that relate to docketed cases, see the categories for the docket series.

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### WASH—AEC-Issued Formal Reports and Correspondence

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Formal reports that were issued by the U.S. Atomic Energy Commission (AEC) Headquarters staff which carry the WASH series code and correspondence pertaining to those reports. The WASH series, which consisted of

administrative, scientific, and technical reports, ended in 1975 but correspondence is occasionally generated which refers to WASH reports. Post-1975 NRC-issued formal reports carry the NUREG series designation.

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### WM—Waste Management Documents

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Contains records dealing with the activities of the NRC Division of High-Level Waste Management. Each topic has been assigned a unique number, prefixed by the letters "WM." Documents in these files include:

1. NRC and DOE precicensing activities regarding the disposal of high-level waste in geologic repositories, pursuant to the Nuclear Waste Policy Act of 1982.
  - a. Technical high-level waste site precicensing documentation.
  - b. Meeting agendas, minutes, and backup documents of DOE/NRC meetings in which DOE presents information on its geologic exploration program to identify sites for nuclear waste repositories.
  - c. Briefings by DOE on research being conducted on nuclear waste management.
2. NRC reviews of the site-by-site implementation of DOE's program for uranium mill tailings remedial actions, pursuant to the Uranium Mill Tailings Radiation Control Act of 1978.



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## DEFINITIONS OF NONDOCKETED CATEGORIES

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3. Correspondence and comments between NRC and the Environmental Protection Agency (EPA) pertaining to the high-level waste standard.

5. Correspondence from citizens and other non-government organizations for the above items.

4. NRC topical report reviews and associated correspondence.

NOTE: For contractor research on waste management activities, see the WMRES category.

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### WMRES—Waste Management and Research Reports

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Contains interim and final reports, and correspondence between NRC and its contractors regarding prelicensing activities in the area of high-level disposal in geologic repositories, including:

1. Periodic contractor progress reports.

2. Trip reports.

3. Draft and final reports submitted for NRC review or information.

4. Correspondence between NRC staff and contractors related to technical questions or issues to be resolved.

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### XPORTLIC—Export and Import Licenses

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Contains records relating to the issuance of licenses to export or import nuclear facilities and materials.

1. License applications and amendments to export or import special nuclear material, source material, byproduct material, reactors, nuclear facility components, or reactor materials.

2. Correspondence between NRC and applicant or licensee pertaining to the review or status of a pending application or license amendment.

3. Commission letters requesting Executive Branch (e.g., U.S. Department of State) views.

4. Review and findings of the Executive Branch on whether issuance of a license would be inimical to the common defense and security of the United States.

5. Correspondence to and from foreign governments, international organizations, and members of the public.

6. Hearing records and decisions.

7. Memoranda from the office of the Secretary to the Executive Director for Operations (EDO) regarding the Commission decision on issuance of a proposed license.

8. Licenses, license amendments, and license renewals for types specified in item 1.

NOTE: For transcripts of Commission meetings and papers submitted for Commissioner consideration or information, see the 10 CFR 9.21 and SECY-series files.

## BIBLIOGRAPHIC DATA SHEET

(See instructions on reverse side.)

1. REPORT NUMBER  
(Assigned by NRC. Add Vol., Supp., Rev., and Addendum Numbers, if any.)NUREG-0540  
Vol. 12, No. 3

## 2. TITLE AND SUBTITLE

Title List of Documents Made Publicly Available

March 1 - 31, 1990

3. DATE REPORT PUBLISHED

MONTH

YEAR

July

1990

4. FUND OR GRANT NUMBER

## 5. AUTHOR(S)

6. TYPE OF REPORT

Monthly

7. PERIOD COVERED (Inclusive Dates)

8. PERFORMING ORGANIZATION NAME AND ADDRESS (If NRC, give Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address; if contractor, provide name and mailing address.)

Division of Freedom of Information and Publications Services  
Office of Administration  
U.S. Nuclear Regulatory Commission  
Washington, DC 20545

9. SPONSORING ORGANIZATION NAME AND ADDRESS (If NRC, give Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address; if contractor, provide NRC Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address.)

Same as 8, above.

## 10. SUPPLEMENTARY NOTES

## 11. ABSTRACT (List words or phrases)

This document is a monthly publication containing descriptions of information received and generated by the U.S. Nuclear Regulatory Commission (NRC). This information includes (1) docketed material associated with civilian nuclear power plants and other uses of radioactive materials, and (2) nondocketed material received and generated by NRC pertinent to its role as a regulatory agency. The following indexes are included: Personal Author, Corporate Source, Report Number, and Cross Reference to Principal Documents.

13. AVAILABILITY STATEMENT

Unlimited

14. SECURITY CLASSIFICATION

12. KEY WORDS (List key words or phrases that will assist researchers in locating the report.)

Title list